



**ebuchem**<sup>®</sup>  
CONSTRUCTION CHEMICALS

*"Quality Never Lies"*

**PRODUCTS**  
**CATALOGUE**



**2050 ECO VISION**



[www.ebuchem.com](http://www.ebuchem.com)



# ABOUT US

EBUCHEM was founded in by a team of professionals with vast experiences in the construction chemicals business. With our Vision 2050 our products ensure quality and eminence. We manufacture, design and supply the finest range of construction chemicals, specializing in waterproofing materials, coatings, flooring, and repairing and filling materials.

We take pride in our extensive range of building materials that are designed to meet the diverse needs of the construction industry. From foundations to roofs, our products are meticulously crafted to ensure durability, strength, and performance.

Today, with our production facilities throughout Turkey, and an extensive partner network around the globe our company operates mainly in the MENA area. At Ebuchem, we are passionate about innovation, customer satisfaction and building lasting relationships with utmost care and respect to the community, employees, suppliers and environment.

Ebuchem offers a wide range of construction chemicals which includes Waterproofing Materials such as Non-shrink Grouts, Concrete Repair Systems, Surface Treatments, Bonding Agents, Floorings & Coatings, Sealants, Tile Adhesives, Grouts and Admixtures.



# CORPORATE SOCIAL RESPONSIBILITY

Nowadays we believe that, with the social responsibility of our companies, sustainable development can create an instrument for regulating several sectors in the world.

Our Group AFA INVEST with its EBUChem brand for the manufacture of construction chemicals, is focusing on social responsibility and making it one of the important parameters of the functioning of our company. It is not to take up an idea in tune with world news, but in fact, it is about allowing our company to be in phase with the challenges that our world is experiencing and facing, with the aim of constructing another approach for the relationship between production and respect for nature.










We live today in an unprecedented world, dominated by a multifaceted capitalism which develops in spaces cruelly lacking in regulation, at all levels and in many areas, notably the chemical industry and most raw materials markets.

If we wish to build a new horizon, through corporate social responsibility, it is in a world in search of meaning, in order to rethink the relationship between raw materials and the finished product that we manufacture, and their impact on the environment.

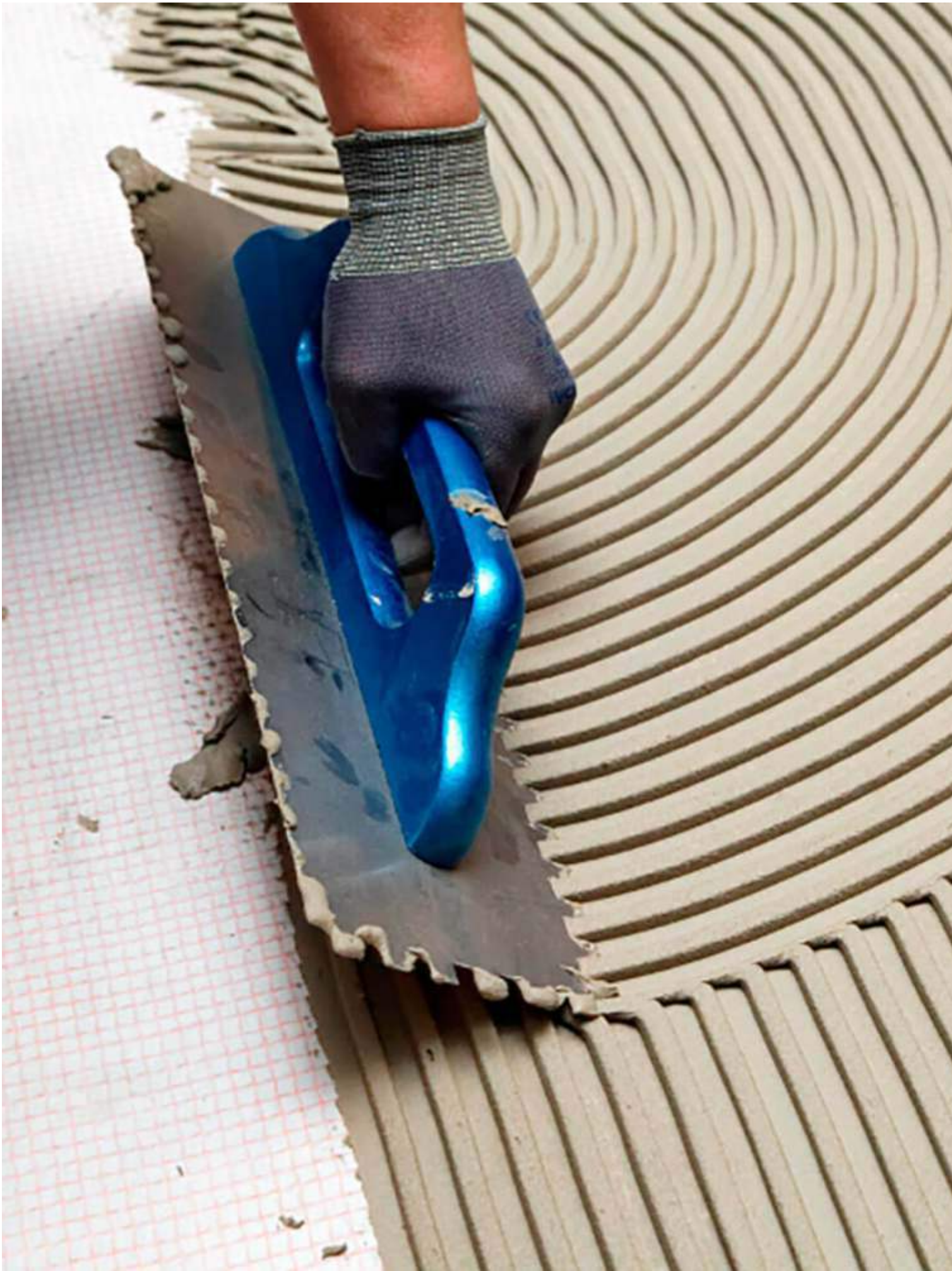
This is not a completely new approach; it is part of the entire history of our AFA INVEST Group with all our brands. But it is from 2019 that we have stepped up our research in our R&D laboratories regarding our innovative products, and that we have made social responsibility a primordial axis in its own right in our strategy.

As a result, we are proud to be a company that fully assumes its responsibilities in terms of impact on society and the environment, since, not only do we apply legislation and codes and good practices in this area; but also we always work on the development of innovative environmentally eco-friendly products. Proud to adopt the 2050 sustainability vision; a vision which has at its core the attributes of successful business planning: understanding the current situation, identifying the obstacles to success, and creating a pathway to overcome those obstacles. The resulting conclusion is the need for a fundamental transformation of the way the world produces and consumes everything from energy to agricultural products. And in that shift, Vision 2050 identified unprecedented opportunities for those businesses that understood they could no longer operate in business-as-usual.

# INDEX

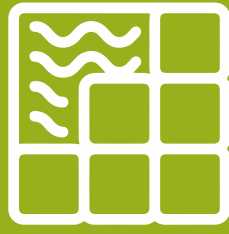
	ADHESIVES & GROUTING MATERIALS	04
	WATERPROOFING MATERIALS	18
	PRIMERS & ADDITIVES	36
	COATINGS	56
	FLOORING MATERIALS	66
	REPAIRING & FILLING MATERIALS	76
	SEALANTS & FOAMS	96
	TAPES & BANDS	104
	SYSTEM GRAPHICS	111







# ADHESIVES & GROUTING MATERIALS







# EBUFIX 1001

ADHESIVE FOR CERAMICS  
(C1T)

H.S:38244000000

## DESCRIPTION

EBUFIX 1001 is a white or grey adhesive mortar used for adhesion of ceramics on concrete screed and plaster for 3-6 mm thickened application.

## USAGE AREAS

In indoor and outdoor spaces, on horizontal surfaces.

## CHARACTERISTICS

- It is resistant to freeze-thaw cycle.
- It has adhesion strength.
- It does not sag and does not slip
- It can be used indoors and outdoors
- It can be used indoors and outdoors in wet areas such as bathroom and kitchen.

## APPLICATION METHOD

### Surface Preparation

- Ensure that the surface to be applied is solid and clean.
- Any necessary surface repairs should be done at least 24 hours in advance, and the surface should be free of materials that may hinder mortar adhesion, such as oil, paint, and powder.
- If the surface temperature is above 30°C, moisten the surface and ensure that the surface moisture rate does not exceed 2% during application.
- For plaster or anhydrous surfaces, the moisture content should not exceed 0.5%.

### Mixing

- 20 kg powder material is added to ~ 5.50 LT water.
- 25 kg powder material is added to ~ 6.50 LT water.
- The required amount of water is placed in a clean bucket.
- The necessary powder product is added on it and it is mixed with a mixer until a homogeneous and lump-free mortar is obtained.
- After the material is rested for 5 minutes, it is ready to apply.

### Application

- With suitable notched trowel (U8X8 or U10X10), EBUFIX 1001 is applied on the surface.
- The application is completed by leaving joints (joints should be 3mm in 5x5cm ceramic, 4mm in ceramic up to 15x15cm, 6-8 mm in ceramic over 15x15cm).

### Application Conditions

- EBUFIX 1001 adhesive mortar has a 30-40 minute waiting time after application.
- Perform a finger test to check if the mortar is still usable as an adhesive.
- The thickness of EBUFIX 1001 adhesive mortar should not exceed 6 mm.
- Avoid applying the material in temperatures below +5°C. Protect the material from rain, frost, and direct sunlight for the first 12 hours after application.
- Prepare the appropriate amount of material for the working time.
- Apply joints after 24 hours of ceramic application.
- Maintain a minimum joint width of 3 mm.
- Prime absorbent surfaces before plaster application.

## CONSUMPTION

Ceramic size	Joint	Mortar thickness	Consumption
>10x10 cm	4 mm	1-2 mm	1.2-2.4 kg/m <sup>2</sup>
>15x15 cm	6 mm	2-3 mm	2.4-3.6 kg/m <sup>2</sup>
>30x30 cm	8 mm	3 mm	3.6-4.2 kg/m <sup>2</sup>
< 30x30 cm	10 mm	4 mm	5.6 kg/m <sup>2</sup>

## PACKAGING AND STORAGE

### 20 & 25 kg craft bag.

Shelf life when stored in its original packaging at +10°C /+30°C in dry, protected and ventilated environments, protected from sun, rain and frost, is 12 months from the date of manufacture.

## SAFETY PRECAUTIONS

Gloves, protective clothing, masks/goggles should be used during mixing and application, and contact of the product with eyes, mouth and skin should be prevented. In case of contact with skin, it should be washed with plenty of water, and in case of contact with eyes and swallowing, a doctor should be consulted.

## TECHNICAL DATA

Water mixture ratio	~ 24-28% of powder product
Density	1.6 kg / lt
Initial tensile strength	≥ 0.50 N/mm <sup>2</sup>
Tensile strength after immersion in water	≥ 0.50 N/mm <sup>2</sup>
Tensile strength after heat aging	≥ 0.50 N/mm <sup>2</sup>
Tensile strength after freeze-thaw cycle	≥ 0.50 N/mm <sup>2</sup>
Tensile strength after open hold time	≥ 0.50 N/mm <sup>2</sup>
Slipping	≤ 7 mm
Open time	1 hour
Grouting time	24 hours
Working/Application time	20 minutes
Service temperature	-20°C / +80°C
Ground temperature	+5°C / +30°C
Mortar thickness	3 - 6mm
Color	Grey, white

The above values are given at +20°C and for 50% relative humidity. High temperatures shorten the time, low temperatures prolong the time.



# EBUFIX 1002

ADHESIVE FOR TILES  
(C1TE)

H.S:382440000000



## DESCRIPTION

EBUFIX 1002 is a white or grey adhesive mortar used for adhesion of ceramics & tiles on concrete screed and plaster for 3-6 mm thickened application.

## USAGE AREAS

- In indoor and outdoor spaces, on horizontal & vertical surfaces.

## CHARACTERISTICS

- It has extended working/application time.
- It is resistant to freeze-thaw cycle.
- It has adhesion strength.
- It does not sag and does not slip
- It can be used indoors and outdoors in wet areas such as bathroom and kitchen.

## APPLICATION METHOD

### Surface Preparation

- Ensure that the surface is solid and clean before application.
- Perform any necessary surface repairs at least 24 hours in advance, removing any materials that may hinder mortar adhesion, such as oil, paint, or powder.
- If the surface temperature exceeds 30°C, moisten it and be cautious not to exceed 2% surface moisture during application.
- The moisture content should not exceed 0.5% on plaster or anhydrous surfaces.

### Mixing

- 25 kg powder material is added to ~ 6.50 lt water.
- The required amount of water is placed in a clean bucket.
- The necessary powder product is added on it and it is mixed with a mixer until a homogeneous and lump-free mortar is obtained.
- After the material is rested for 5 minutes, it is ready to apply.

### Application

- With suitable notched trowel (U8X8 or U10X10), NOTTEFIX 1002 is applied on the surface.
- The application is completed by leaving joints (joints should be 3mm in 5x5cm ceramic, 4mm in ceramic up to 15x15cm, 6-8 mm in ceramic over 15x15cm).

### Application Conditions

- EBUFIX 1002 adhesive mortar requires a waiting time of 30-40 minutes after application.
- Before applying, perform a test by pressing the mortar with fingers. If the fingers get contaminated, the mixture can still be used as an adhesive.
- The thickness of EBUFIX 1002 adhesive mortar should not exceed 6 mm.
- Do not apply the material when the ground temperature is below +5°C.
- Protect the material from rain, frost, and direct sunlight within the first 12 hours after application.
- Prepare the mixture according to the working/application time.
- Allow a 24-hour gap after applying tiles before applying joints.
- Maintain a minimum joint width of 3 mm.
- Priming of plaster is necessary for absorbent surfaces.

## CONSUMPTION

Ceramic size	Joint	Mortar thickness	Consumption
>10x10 cm	4 mm	1-2 mm	1.2-2.4 kg/m <sup>2</sup>
>15x15 cm	6 mm	2-3 mm	2.4-3.6 kg/m <sup>2</sup>
>30x30 cm	8 mm	3 mm	3.6-4.2 kg/m <sup>2</sup>
< 30x30 cm	10 mm	4 mm	5.6 kg/m <sup>2</sup>

## PACKAGING AND STORAGE

### 20 & 25 kg craft bag.

Shelf life when stored in its original packaging at +10°C /+30°C in dry, protected and ventilated environments, protected from sun, rain and frost, is 12 months from the date of manufacture.

## SAFETY PRECAUTIONS

Gloves, protective clothing, masks/goggles should be used during mixing and application, and contact of the product with eyes, mouth and skin should be prevented. In case of contact with skin, it should be washed with plenty of water, and in case of contact with eyes and swallowing, a doctor should be consulted.

## TECHNICAL DATA

Water mixture ratio	~ 24-28% of powder product
Density	1.6 kg / lt
Initial tensile strength	≥ 0.50 N/mm <sup>2</sup>
Tensile strength after immersion in water	≥ 0.50 N/mm <sup>2</sup>
Tensile strength after heat aging	≥ 0.50 N/mm <sup>2</sup>
Tensile strength after freeze-thaw cycle	≥ 0.50 N/mm <sup>2</sup>
Tensile strength after open hold time	≥ 0.50 N/mm <sup>2</sup>
Slipping	≤ 7 mm
Open time	1 hour
Grouting time	24 hours
Working/Application time	20 minutes
Service temperature	-20°C / +80°C
Ground temperature	+5°C / +30°C
Mortar thickness	3 - 6mm
Color	Grey, white

The above values are given at +20°C and for 50% relative humidity. High temperatures shorten the time, low temperatures prolong the time.





# EBUFIX 1011

FLEXIBLE CERAMIC & GRANITE & MARBLE ADHESIVE (C2T)

H.S:382440000000

## DESCRIPTION

EBUFIX 1011 is a high performance polymer reinforced flexible adhesive mortar in grey and white color used in ceramic, marble and granite adhesion on concrete screed and plaster.

## USAGE AREAS

- In indoor and outdoor areas, on horizontal and vertical surfaces,
- In ceramic, granite and marble applications,
- Terraces and balconies,
- Adhesion of large size ceramics

## CHARACTERISTICS

- It does not sag or collapse.
- It is flexible.
- It is resistant to stresses and vibrations arising from freezing, thawing and temperature differences.
- It has high adhesion strength.

## APPLICATION METHOD

### Surface Preparation

- Ensure that the surface to be applied is solid and clean.
- Conduct surface repairs at least 24 hours in advance and remove any materials that may hinder mortar adhesion, such as oil, paint, and powder.
- If the surface temperature exceeds 30°C, moisten the surface and avoid exceeding 2% of the surface moisture rate during application.
- Plaster or anhydrous surfaces should have a moisture content not exceeding 0.5%.
- Apply EBUPRIME P400 as a primer for absorbent surfaces like gypsum.

### Mixing

- 25 kg powder material is added to ~ 6.50 lt water.
- The required amount of water is placed in a clean bucket.
- The necessary powder product is added on it and it is mixed with the mixer for 3-5 minutes until a homogeneous and lump-free mortar is obtained.
- After the material is rested for 5 minutes, it is ready to apply.

### Application

- Apply EBUFIX 1011 on the surface using a suitable notched trowel (U8X8 or U10X10).
- Complete the application by leaving joints according to the size of the ceramic tiles: 3mm joints for 5x5cm ceramics, 4mm joints for ceramics up to 15x15cm, and 6-8mm joints for ceramics larger than 15x15cm.

### Application Conditions

- Ceramics should be placed within 15-20 minutes after the application of EBUFIX 1011 mortar.
- In cases where the ground temperature is below +5°C, the material should not be applied.
- The material should be protected from rain, frost and direct sunlight within the first 12 hours after application.

## CONSUMPTION

Ceramic size	Joint	Consumption
>10x10 cm	6 mm	4-5 kg/m <sup>2</sup>
>15x15 cm	8 mm	4,5-5,5 kg/m <sup>2</sup>
>30x30 cm	8 mm	5,5-6,5 kg/m <sup>2</sup>
<30x30 cm	10 mm	5,5-7 kg/m <sup>2</sup>

## PACKAGING AND STORAGE

### 25 kg craft bag.

Shelf life when stored in its original packaging at +10°C /+30°C in dry, protected and ventilated environments, protected from sun, rain and frost, is 12 months from the date of manufacture.

## SAFETY PRECAUTIONS

Gloves, protective clothing, masks/goggles should be used during mixing and application, and contact of the product with eyes, mouth and skin should be prevented. In case of contact with skin, it should be washed with plenty of water, and in case of contact with eyes and swallowing, a doctor should be consulted.

## TECHNICAL DATA

Water mixture ratio	~ 24-28% of powder product
Initial tensile strength	≥1 N/mm <sup>2</sup>
Tensile strength after immersion in water	≥1 N/mm <sup>2</sup>
Tensile strength after heat aging	≥1 N/mm <sup>2</sup>
Tensile strength after freeze-thaw cycle	≥1 N/mm <sup>2</sup>
Tensile strength after open hold time	≥ 0.50 N/mm <sup>2</sup>
Slip	≤ 5 mm
Operation time	3 hours
Grouting time	24 hours
Mortar coating time	30 minutes
Service temperature	-20°C /+80°C
Ground temperature	+5°C / +30°C
Mortar thickness	3-8 mm
Color	Gray, white

The above values are given at +20°C and for 50% relative humidity. High temperatures shorten the time, low temperatures prolong the time.





# EBUFIX 1012

EXTENDED FLEXIBLE CERAMIC &  
GRANITE & MARBLE ADHESIVE  
(C2TE)

H.S:382440000000



## DESCRIPTION

EBUFIX 1012 is a high performance polymer reinforced flexible, extended adhesive mortar in grey and white color used in ceramic, marble and granite adhesion on concrete screed and plaster.

## USAGE AREAS

- In indoor and outdoor areas, on horizontal and vertical surfaces,
- In ceramic, granite and marble applications,
- Terraces and balconies,
- Adhesion of large size ceramics
- Areas with intense pedestrian traffic such as shopping mall, school, and hospital.

## CHARACTERISTICS

- It has extended working/application time.
- It does not sag or collapse.
- It is flexible and high adhesive strength.
- It is resistant to stresses and vibrations arising from freezing, thawing and temperature differences.
- It has high adhesion strength.
- It is watertight.

## APPLICATION METHOD

### Surface Preparation

- Ensure that the surface to be applied is solid and clean.
- Conduct surface repairs at least 24 hours in advance and remove any materials that may hinder mortar adhesion, such as oil, paint, or powder.
- If the surface temperature is above 30°C, moisten the surface and avoid exceeding 2% of the surface moisture rate during application.
- On plaster or anhydrous surfaces, ensure that the moisture content does not exceed 0.5%.
- For absorbent surfaces like gypsum, apply EBURIME P400 as a primer.

### Mixing

- 25 kg powder material is added to ~ 6.50 lt water.
- The required amount of water is placed in a clean bucket.
- The necessary powder product is added on it and it is mixed with the mixer for 3-5 minutes until a homogeneous and lump-free mortar is obtained.
- After the material is rested for 5 minutes, it is ready to apply.

### Application

- With suitable notched trowel (U8X8 or U10X10), EBUFIX 1012 is applied on the surface.
- The application is completed by leaving joints (joints should be 3mm in 5x5cm ceramic, 4mm in ceramic up to 15x15cm, 6-8 mm in ceramic over 15x15cm).

### Application Conditions

- Ceramics should be placed within 15-20 minutes after applying EBUFIX 1012 mortar.
- Do not apply the material if the ground temperature is below +5°C.
- Protect the material from rain, frost, and direct sunlight for the first 12 hours after application.

## CONSUMPTION

Ceramic size	Joint	Consumption
>10x10 cm	6 mm	4-5 kg/m <sup>2</sup>
>15x15 cm	8 mm	4,5-5,5 kg/m <sup>2</sup>
>30x30 cm	8 mm	5,5-6,5 kg/m <sup>2</sup>
< 30x30 cm	10 mm	5,5-7 kg/m <sup>2</sup>

## PACKAGING AND STORAGE

### 25 kg craft bag.

Shelf life when stored in its original packaging at +10°C /+30°C in dry, protected and ventilated environments, protected from sun, rain and frost, is 12 months from the date of manufacture.

## SAFETY PRECAUTIONS

Gloves, protective clothing, masks/goggles should be used during mixing and application, and contact of the product with eyes, mouth and skin should be prevented. In case of contact with skin, it should be washed with plenty of water, and in case of contact with eyes and swallowing, a doctor should be consulted.

## TECHNICAL DATA

Water mixture ratio	~ 24-28% of powder product
Initial tensile strength	≥ 1 N/mm <sup>2</sup>
Tensile strength after immersion in water	≥ 1 N/mm <sup>2</sup>
Tensile strength after heat aging	≥ 1 N/mm <sup>2</sup>
Tensile strength after freeze-thaw cycle	≥ 1 N/mm <sup>2</sup>
Tensile strength after open hold time	≥ 0.50 N/mm <sup>2</sup>
Slipping	≤ 7 mm
Open time	3 hours
Grouting time	24 hours
Working/Application time	40 minutes
Service temperature	-20°C /+80°C
Ground temperature	+5°C / +30°C
Mortar thickness	3-8 mm
Color	Grey, white

The above values are given at +20°C and for 50% relative humidity.  
High temperatures shorten the time, low temperatures prolong the time.





# EBUFIX 1013

FLEXIBLE GRANITE/PORCELAIN TILE  
ADHESIVE (C2TES1)

H.S:382440000000

## DESCRIPTION

EBUFIX 1013 is a high performance polymer reinforced flexible, extended adhesive for large sized & granite/porcelain tiles.

## USAGE AREAS

- In indoor and outdoor areas, on horizontal and vertical surfaces,
- In granite/porcelain tiles applications,
- Terraces and balconies,
- Areas with continuous exposure to water (with water absorption ratio of below 3%) such as swimming pools,
- Adhesion of large size ceramics
- Areas with intense pedestrian traffic such as shopping malls, schools, hospitals

## CHARACTERISTICS

- It has extended working/application time.
- No sliding on vertical applications.
- It is highly flexible and high adhesive strength.
- It is resistant to stresses and vibrations arising from freezing, thawing and temperature differences.
- It has high adhesion strength, It is watertight.

## APPLICATION METHOD

### Surface Preparation

- Ensure that the surface to be applied is solid and clean.
- Conduct surface repairs at least 24 hours in advance and remove any materials that may hinder mortar adhesion, such as oil, paint, or powder.
- If the surface temperature is above 30°C, moisten the surface and avoid exceeding 2% of the surface moisture rate during application.
- On plaster or anhydrous surfaces, ensure that the moisture content does not exceed 0.5%.
- For absorbent surfaces like gypsum, apply EBUPRIME P400 as a primer.

### Mixing

- 25 kg powder material is added to ~ 6.50 lt water.
- The required amount of water is placed in a clean bucket.
- The necessary powder product is added on it and it is mixed with the mixer for 3-5 minutes until a homogeneous and lump-free mortar is obtained.
- After the material is rested for 5 minutes, it is ready to apply.

### Application

- With suitable notched trowel (U8X8 or U10X10), EBU 1013 is applied on the surface.
- The application is completed by leaving joints (joints should be 3mm in 5x5cm ceramic, 4mm in ceramic up to 15x15cm, 6-8 mm in ceramic over 15x15cm).

### Application Conditions

- Ceramics should be installed within 15-20 minutes after applying EBUFIX 1013 mortar.
- Avoid applying the material when the ground temperature is below +5°C.
- Protect the applied material from rain, frost, and direct sunlight during the first 12 hours after application.

## CONSUMPTION

Ceramic size	Joint	Consumption
>10x10 cm	6 mm	4-5 kg/m <sup>2</sup>
>15x15 cm	8 mm	4,5-5,5 kg/m <sup>2</sup>
>30x30 cm	8 mm	5,5-6,5 kg/m <sup>2</sup>
< 30x30 cm	10 mm	5,5-7 kg/m <sup>2</sup>

## PACKAGING AND STORAGE

### 25 kg craft bag.

Shelf life when stored in its original packaging at +10°C /+30°C in dry, protected and ventilated environments, protected from sun, rain and frost, is 12 months from the date of manufacture.

## SAFETY PRECAUTIONS

Gloves, protective clothing, masks/goggles should be used during mixing and application, and contact of the product with eyes, mouth and skin should be prevented. In case of contact with skin, it should be washed with plenty of water, and in case of contact with eyes and swallowing, a doctor should be consulted.

## TECHNICAL DATA

Water mixture ratio	~ 24-28% of powder product
Initial tensile strength	≥1.2 N/mm <sup>2</sup>
Tensile strength after immersion in water	≥1 N/mm <sup>2</sup>
Tensile strength after heat aging	≥1 N/mm <sup>2</sup>
Tensile strength after freeze-thaw cycle	≥1 N/mm <sup>2</sup>
Tensile strength after open hold time	≥ 1 N/mm <sup>2</sup>
Slipping	≤ 2 mm
Open time	3 hour
Grouting time	24 hours
Working/Application time	40 minutes
Service temperature	-20°C / +80°C
Ground temperature	+5°C / +30°C
Mortar thickness	4-10 mm
Color	Grey, white

The above values are given at +20°C and for 50% relative humidity. High temperatures shorten the time, low temperatures prolong the time.



# EBUFIX 1014

HIGH FLEXIBLE GRANITE/PORCELAIN  
TILE ADHESIVE (C2TES2)

H.S:382440000000



## DESCRIPTION

EBUFIX 1014 is a high performance polymer reinforced high flexible, extended adhesive for large sized & granite/porcelain tiles. Usually used for facade application systems.

## USAGE AREAS

- Indoor and outdoor use on horizontal and vertical surfaces
- Ideal for granite and porcelain tile applications
- Suitable for terraces, balconies, and facade tile fixing
- Can be used in areas with continuous water exposure (water absorption ratio below 3%), such as swimming pools
- Provides strong adhesion for large-size ceramics
- Suitable for areas with intense pedestrian traffic, including shopping malls, schools, hospitals, and underheated systems

## CHARACTERISTICS

- Extended working/application time
- No sliding on vertical applications
- Highly flexible and with high adhesive strength
- Resistant to stresses and vibrations caused by freezing, thawing, and temperature differences
- High adhesion strength
- Provides long-term smoothing of adhered coating material

## APPLICATION METHOD

### Surface Preparation

- Ensure that the surface to be applied is solid and clean.
- Conduct surface repairs at least 24 hours in advance and remove any materials that may hinder mortar adhesion, such as oil, paint, or powder.
- If the surface temperature is above 30°C, moisten the surface and avoid exceeding 2% of the surface moisture rate during application.
- On plaster or anhydrous surfaces, ensure that the moisture content does not exceed 0.5%.
- For absorbent surfaces like gypsum, apply EBUPRIME P400 as a primer.

### Mixing

- 25 kg powder material is added to ~ 6.50 lt water.
- The required amount of water is placed in a clean bucket.
- The necessary powder product is added on it and it is mixed with the mixer for 3-5 minutes until a homogeneous and lump-free mortar is obtained.
- After the material is rested for 5 minutes, it is ready to apply.

### Application

- With suitable notched trowel (U8X8 or U10X10), EBUFIX 1014 is applied on the surface.
- The application is completed by leaving joints (joints should be 3mm in 5x5cm ceramic, 4mm in ceramic up to 15x15cm, 6-8 mm in ceramic over 15x15cm).

### Application Conditions

- Ceramics should be installed within 15-20 minutes after applying EBUFIX 1014 mortar.
- Avoid applying the material when the ground temperature is below +5°C.
- Protect the applied material from rain, frost, and direct sunlight during the first 12 hours after application.

## CONSUMPTION

Ceramic size	Joint	Consumption
>10x10 cm	6 mm	4-5 kg/m <sup>2</sup>
>15x15 cm	8 mm	4,5-5,5 kg/m <sup>2</sup>
>30x30 cm	8 mm	5,5-6,5 kg/m <sup>2</sup>
<30x30 cm	10 mm	5,5-7 kg/m <sup>2</sup>

## PACKAGING AND STORAGE

### 25 kg craft bag.

Shelf life when stored in its original packaging at +10°C /+30°C in dry, protected and ventilated environments, protected from sun, rain and frost, is 12 months from the date of manufacture.

## SAFETY PRECAUTIONS

Gloves, protective clothing, masks/goggles should be used during mixing and application, and contact of the product with eyes, mouth and skin should be prevented. In case of contact with skin, it should be washed with plenty of water, and in case of contact with eyes and swallowing, a doctor should be consulted.

## TECHNICAL DATA

Water mixture ratio	~ 24-28% of powder product
Initial tensile strength	≥ 1.5 N/mm <sup>2</sup>
Tensile strength after immersion in water	≥ 1.0 N/mm <sup>2</sup>
Tensile strength after heat aging	≥ 1 N/mm <sup>2</sup>
Tensile strength after freeze-thaw cycle	≥ 1 N/mm <sup>2</sup>
Tensile strength after open hold time	≥ 1.5 N/mm <sup>2</sup>
Slipping	≤ 1 mm
Open time	3 hour
Grouting time	24 hours
Working/Application time	40 minutes
Service temperature	-20°C / +80°C
Ground temperature	+5°C / +30°C
Mortar thickness	4-10 mm
Color	Grey, white

The above values are given at +20°C and for 50% relative humidity.  
High temperatures shorten the time, low temperatures prolong the time.







# EBUPASTE 1015

HIGH PERFORMANCE & FLEXIBLE READY MIXED TILE ADHESIVE D2TE

H.S:382440000000

## DESCRIPTION

Acrylic-based ready mixed tile adhesive for versatile tile fixing on walls and floors. Offers improved adhesion, flexibility, and non-slip properties. Ideal for various tile types, including ceramics, porcelain, glass mosaics, natural stones, marbles, terracotta, and thermal insulation materials. Easy and efficient tiling solution.

## USAGE AREAS

- Suitable for both vertical and horizontal applications, indoors and outdoors.
- Ideal for tiling in wet areas, ensuring water resistance.
- Specifically designed for tiling on various surfaces, including cement-based chipboards, precast-concrete, gypsum board, and gypsum plastered wooden surfaces.
- Suitable for fixing tiles with water absorption rates exceeding 3% on painted or existing tile surfaces.

## CHARACTERISTICS

- Provides excellent tiling results on gypsum-based boards and plasters, cement-based chipboards, and precast concrete surfaces.
- Suitable for all types of porcelain tiles, natural stones, and marbles.
- Facilitates easy and quick tiling during renovation and repair projects.
- Offers non-slip properties, making it ideal for wall tiling.
- Exhibits high flexibility and resistance to frost, moisture, and thermal shocks.

## APPLICATION METHOD

### Surface Preparation

- Prior to adhesive application, the substrate must be clean and free from dust, dirt, grease, or any other contaminants. Hardened or polished surfaces, as well as concrete laitance, should be removed through scabbling.
- It is essential to ensure that the substrate is mature, sound, stable, and either smooth or damp. The relative humidity of the substrate should be below 5%.
- For high porosity substrates like gypsum plasters, priming is necessary before tile fixing.
- Surfaces exposed to direct sunlight and with a surface temperature above +35 °C should be cooled by dampening.

### Mixing

- The adhesive comes in a ready-mixed paste form, eliminating the need for mixing.
- It can be directly applied for tiling without adding any additional additives such as water or latex into the ready-mixed paste.

### Application

- Apply adhesive using a notched trowel, ensuring proper bed thickness.
- Test for staining and shading with transparent and light-colored tiles.
- Press tiles within adhesive's open time, hammer gently for stability, and check contact.
- Clean excess adhesive promptly.
- Allow 24 hours before applying joint filler.

## Application Conditions

- Use adhesive within the temperature range of +5 °C to +35 °C.
- Ensure application surface temperature is above +5 °C and free from freezing risk.
- Avoid applying adhesive on hot surfaces and during sunny/windy weather.

## CONSUMPTION

The coverage amount (kg/m<sup>2</sup>) may vary based on factors such as the application surface, tile size, and the type of trowel used.

V5 (5x5) mm	V6 (6x6) mm
2 kg/mm <sup>2</sup> Single Bonding	2,5 kg/mm <sup>2</sup> Single Bonding
3 kg/mm <sup>2</sup> Double Bonding	3,5 kg/mm <sup>2</sup> Double Bonding

## PACKAGING AND STORAGE

### 10 kg plastic buckets

Store the unopened product in a cool, dry place above 5 °C. or Shelf life is 12 months from the manufacturing date. Avoid damp submerged storage. Close opened packages tightly to prevent air contact.

## SAFETY PRECAUTIONS

Prevent contact of the product with the skin and eyes. If contact occurs, wash with plenty of water. In case of ingestion, drink water and seek medical advice. If the product comes into contact with the eyes, wash immediately with water and seek medical assistance. Use gloves and protective goggles during use.

## TECHNICAL DATA

Tensile strength after 14 days	≥ 1,0 MPa (N/mm <sup>2</sup> )
Aging with heat	≥ 1,0 MPa (N/mm <sup>2</sup> )
Aging with water	≥ 0,5 MPa (N/mm <sup>2</sup> )
Slipping	≤ 0,5 mm
Flexibility	Excellent
Resistance to alkalis	Limited
Resistance to thermal shocks	-30 °C - +70 °C
Resistance to moisture	Good

The above values are given at +20°C and for 50% relative humidity. High temperatures shorten the time, low temperatures prolong the time.



# EBUJOINT

FILLING MATERIAL FOR 1 - 6 MM JOINTS  
CG1

H.S:382440000000



## DESCRIPTION

EBUJOINT CG1 is a filling material for 1-6 mm joints used as tiles, ceramics.

## USAGE AREAS

- In indoor areas, on horizontal and vertical surfaces,
- Tile, ceramic, glass mosaic, joints,
- In wet areas

## CHARACTERISTICS

- Suitable for joints 1-6 mm width.
- It adheres well to the ceramic edges.
- It is resistant to freeze-thaw cycle.
- Resistant to shocks and vibrations.

## APPLICATION METHOD

### Surface Preparation

- The ceramic adhesive mortar must be thoroughly hardened.
- Joints should be cleared of substances that prevent adhesion, cleaned and moistened with a wet sponge.

### Mixing

- EBUJOINT CG1 is added to clean water and mixed. (Water ratio 30-35% by weight of powdered product)
- 6 - 7 LT of water is added for 20 kg of powdered product.
- 3 - 3.5 LT of water is added for 10 kg of powdered product.
- 1.5 - 1.75 LT of water is added for 5 kg of powdered product.
- After the mixed material is kept for about 5 minutes, it is applied again by mixing for 30 seconds.

### Application

- The material is spread on the ceramics with a rubber joint spreading trowel and filled into the joint cavities in parallel and then cross-filled.
- The excess material is stripped off the surface with a soft-tipped spatula. After 15-30 minutes, it is cleaned with a damp sponge.
- After the material is dried, it is polished with a dry, clean cloth.
- The application should not be done directly under the sun, in places exposed to wind and under rain.
- On underfloor heating, the heating system must be switched off 24 hours before application.



## PACKAGING AND STORAGE

**20&10 kg craft bags**  
**5 kg polyethylene bags**

Shelf life when stored in its original packaging at +10°C/+30°C in dry, protected and ventilated environments, protected from sun, rain and frost, is 12 months from the date of manufacture.

## SAFETY PRECAUTIONS

Gloves, protective clothing, masks/goggles should be used during mixing and application, and contact of the product with eyes, mouth and skin should be prevented. In case of contact with skin, it should be washed with plenty of water, and in case of contact with eyes and swallowing, a doctor should be consulted.

## TECHNICAL DATA

Density	1.10 kg ± 0.02 kg / lt
Water ratio	30-35% of the powder product
Wear resistance	≤ 1000 mm <sup>3</sup> (EN 12808-2)
Compressive Strength	≥ 10 N / mm <sup>2</sup> (EN 12808-3)
Bending Strength	≥ 2,0 N / mm <sup>2</sup> (EN 12808-3)
Shrinkage	≤ 5 mm/m (EN 12808-4)
Water absorption	≤ 5 (30 minutes) (EN 12808-5)
Resting time	5-10 minutes
Open time	~ 1 hour
Service temperature	-30°C / +80°C
Application floor temperature	+5°C / +35°C
Application thickness	1-6 mm
Opening time for use	12 hours wall, 24 hours floor
Opening to pedestrian traffic	7 days
Working/Application time	~30 minutes

The above values are given at +20°C and for 50% relative humidity.  
High temperatures shorten the time, low temperatures prolong the time.





# EBUJOINT FLEX

FLEXIBLE FILLING MATERIAL FOR 1 - 6 MM JOINTS  
CG2WA

H.S:382440000000

## DESCRIPTION

EBUJOINT FLEX is a filling material for flexible, silicone, 1-6 mm joints used as tiles, ceramics, marble, granite, grout mortar.

## USAGE AREAS

- In indoor and outdoor spaces, on horizontal and vertical surfaces,
- Tile, ceramic, glass mosaic, marble, granite joints,
- In underfloor heating systems,
- In wet volumes.

## CHARACTERISTICS

- Suitable for joints 1-6 mm wide.
- It adheres well to the ceramic edges.
- It is resistant to freeze-thaw cycle.
- Resistant to shocks and vibrations.
- It's flexible.
- It is water-repellent.
- It is resistant to contamination.
- It is resistant to the formation of mold and fungi.

## APPLICATION METHOD

### Surface Preparation

- The ceramic adhesive mortar must be thoroughly hardened.
- Joints should be cleared of substances that prevent adhesion, cleaned and moistened with a wet sponge.

### Mixing

- EBUJOINT FLEX is added to clean water and mixed. (Water ratio 30-35% by weight of powdered product)
- 6 - 7 lt of water is added for 20 kg of powdered product.
- 3 - 3.5 lt of water is added for 10 kg of powdered product.
- 1.5 - 1.75 lt of water is added for 5 kg of powdered product
- After the mixed material is kept for about 5 minutes, it is applied again by stirring for 30 seconds.

### Application

- The material is spread on the ceramics with a rubber joint spreading trowel and filled into the joint cavities in parallel and then cross-filled.
- The excess material is stripped off the surface with a soft-tipped spatula. After 15-30 minutes, it is cleaned with a damp sponge.
- After the material is dried, it is polished with a dry, clean cloth.
- The application should not be done directly under the sun, in places exposed to wind and under rain.
- On underfloor heating, the heating system must be switched off 24 hours before application.



## PACKAGING AND STORAGE

### 20 & 10 kg craft bag

### 5 kg polyethylene bag

Shelf life when stored in its original packaging at +10°C /+30°C in dry, protected and ventilated environments, protected from sun, rain and frost, is 12 months from the date of manufacture.

## SAFETY PRECAUTIONS

Gloves, protective clothing, masks/goggles should be used during mixing and application, and contact of the product with eyes, mouth and skin should be prevented. In case of contact with skin, it should be washed with plenty of water, and in case of contact with eyes and swallowing, a doctor should be consulted.

## TECHNICAL DATA

Density	1.10 kg ± 0.02 kg / lt
Water ratio	30-35% of the powder product
Wear resistance	≤ 1000 mm <sup>3</sup> (EN 12808-2)
Compressive Strength	≥ 15 N / mm <sup>2</sup> (EN 12808-3)
Bending Strength	≥ 2,5 N / mm <sup>2</sup> (EN 12808-3)
Shrinkage	≤ 3 mm/m (EN 12808-4)
Water absorption	≤ 2 (30 minutes) (EN 12808-5)
Resting time	5-10 minutes
Open time	~ 1 hour
Service temperature	-30°C / +80°C
Working/Application time	~30 minutes
Application floor temperature	+5°C / +35°C
Application thickness	1-6 mm
Opening time for use	12 hours wall, 24 hours floor
Opening to pedestrian traffic	7 days

The above values are given at +20°C and for 50% relative humidity. High temperatures shorten the time, low temperatures prolong the time.





# EBUJOINT EPOXY

EPOXY BASED TILE ADHESIVE & JOINT FILLER  
R2TE

H.S:38244000000



## DESCRIPTION

Solvent-free, epoxy based, two-component, chemical resistant tile adhesive and joint filler. It is used as a grouting material in ceramics, tiles, granite ceramics, glass mosaics joint applications between 2-10 mm. It resists to acids and alkalis, used for bonding on walls and floors, grouting & renewing worn joints.

## USAGE AREAS

- In indoor and outdoor joints (wall and floor)
- Wet areas, Swimming pools,
- Fixing tiles on metal surfaces
- Grouting material for industrial tile application

## CHARACTERISTICS

- It provides superior resistance to strong acids, bases and oils.
- It is antibacterial and prevents the formation of bacteria, fungi and mold.
- It provides waterproofing against leaks.
- It has high pressure and wear resistance.
- It is suitable for drinking water contact.
- It has high resistance to cleaning materials such as bleach, saltwater, lime remover.

## APPLICATION METHOD

### Surface Preparation

- Ensure that the surface is clean, dry, smooth, and solid.
- Remove any plaster thinner than 3 mm from the surface.
- Repair significant defects or holes on the surface at least 24 hours prior to applying EBUJOINT EPOXY.
- For grouting with EBUJOINT EPOXY ensure that the joints are dry and clean, and remove any cement or adhesive residues.

### Application

- Thoroughly mix both components in the bucket using a low-speed mixer until they form a homogeneous paste.
- If the two components will not be completely consumed, maintain a mixture ratio of 93.3% (component A) to 6.7% (component B) by weight.
- For applications in temperatures below 15°C, store EBUJOINT EPOXY in a warm place one day prior to application for ease of application and slipperiness. However, it must be at room temperature during application.

### In ceramic bonding:

- Apply the mortar to the surface and adjust its thickness using a toothed steel trowel. Select the trowel's thread size based on the size of the ceramic and the smoothness of the surface.
- For optimal adhesion, expel air by applying force with a rubber hammer. Clean any stains of EBUJOINT EPOXY on ceramics with a warm, damp sponge before drying.

### In grout application:

- Fill the cavities using a spatula or pistol.
- During application, thoroughly clean any EBUJOINT EPOXY on the coating with warm water and a damp sponge before the open time. Cleaning becomes challenging after the chemical reaction is complete.

## CONSUMPTION

Consumption for ceramic adhesive: 1,5 - 1,8 kg/m<sup>2</sup> (for 1 mm thickness). Consumption for grouting changes acc. to width & depth.

## PACKAGING AND STORAGE

### 5 kg tins

Shelf life when stored in its original packaging at +10°C / +30°C in dry, protected and ventilated environments, protected from sun, rain and frost, is 12 months from the date of manufacture.

## SAFETY PRECAUTIONS

Gloves, protective clothing, masks/goggles should be used during mixing and application, and contact of the product with eyes, mouth and skin should be prevented. In case of contact with skin, it should be washed with plenty of water, and in case of contact with eyes and swallowing, a doctor should be consulted.

## TECHNICAL DATA

### As a joint filler:

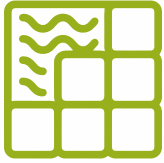
Abrasion resistance	≤ 250 mm <sup>3</sup>
Bending strength	≥ 30 N/mm <sup>2</sup>
Compressive strength	≥ 45 N/mm <sup>2</sup>
Shrinkage	≤ 1,5 mm/m
Water absorption (after 240 min.)	≤ 0,1 g

### As a ceramic adhesive:

Initial shear adhesion strength	≥ 2 N/mm <sup>2</sup>
Shear adhesion strength after immersion in water	≥ 2 N/mm <sup>2</sup>
Tensile adhesion strength after open hold time (after at least 20 minutes)	≥ 0,5 N/mm <sup>2</sup>
Shear adhesion strength after thermal shock	≥ 2 N/mm <sup>2</sup>
Slip	≤ 0,5 mm

The above values are given at +20°C and for 50% relative humidity. High temperatures shorten the time, low temperatures prolong the time.





# PRODUCT USAGE TABLE

APPLICATION AREAS	PRODUCTS	EBUFIX 1002	EBUFIX 1012	EBUFIX 1013	EBUJOINT CG1	EBUJOINT FLEX
Small and medium size ceramic, tile applications		■			■	
Large size ceramic, granite applications			■	■		■
Wet areas such as bathrooms, kitchens		■	■		■	■
In areas that are constantly exposed to water such as balconies, terraces, pools and Turkish baths			■	■		■
Places with high pedestrian traffic such as shopping centers, schools and hospitals			■	■		■
Where sudden temperature changes occurs like cold storage depots and over floor heat installations.			■	■		■
Marble, natural stone, glass brick applications			■	■		
Underfloor heated floors				■		■
Over ceramic applications				■		■
Application of ceramic on painted surfaces			■	■	■	■
Application of ceramics to surfaces such as gypsum board, betopan			■	■		■
Exterior applications				■		■

## THE MEANING OF ABBREVIATIONS ACCORDING TO TS EN 12004

### ADHESIVE TYPE

- **C:** Cement Based
- **D:** Dispersion Based
- **R:** Reaction Resin Based

### PERFORMANCE CLASS

- **1:** Standard Performance
- **2:** High Performance

### ADDITIONAL FEATURES

- **T:** thixotropic / Reduced Slip
- **E:** Extended Open Time
- **F:** Fast Setting
- **S1:** Deformable
- **S2:** Highly Deformable

## THE MEANING OF ABBREVIATIONS ACCORDING TO TS EN 13888

### ADHESIVE TYPE

- **CG:** Cement Based Grout
- **RG:** Reaction Resin Based Grout

### PERFORMANCE CLASS

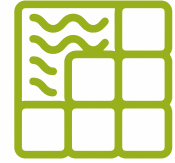
- **2:** Standard Performance
- **1:** High Performance

### ADDITIONAL FEATURES

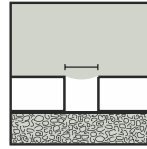
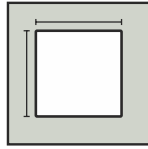
- **A:** Reduced Water Absorption
- **W:** High Abrasion Resistance



# APPLICATION ICONS

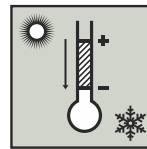


LIMITED TILE DIMENSIONS



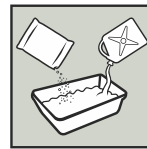
GROUT WIDTH

CHECK FOR  
SURFACE CONTROL



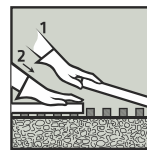
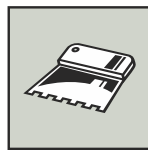
AMBIENT TEMPERATURE

WATER MIXING RATIO



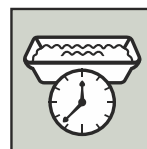
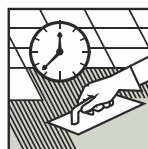
MIXING RATIO /  
2 COMPONENTS PRODUCTS

TROWEL TYPE



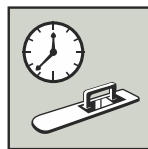
TILING TECHNIQUE

APPLICATION TIME



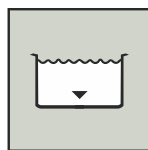
POT LIFE

APPLICATION WITH TROWEL



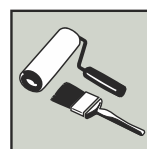
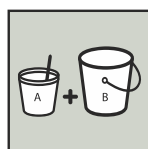
INDUSTRIAL FLOORING

UNDER WATER PRESSURE



HEAVY PEDESTRIAL TRAFFIC

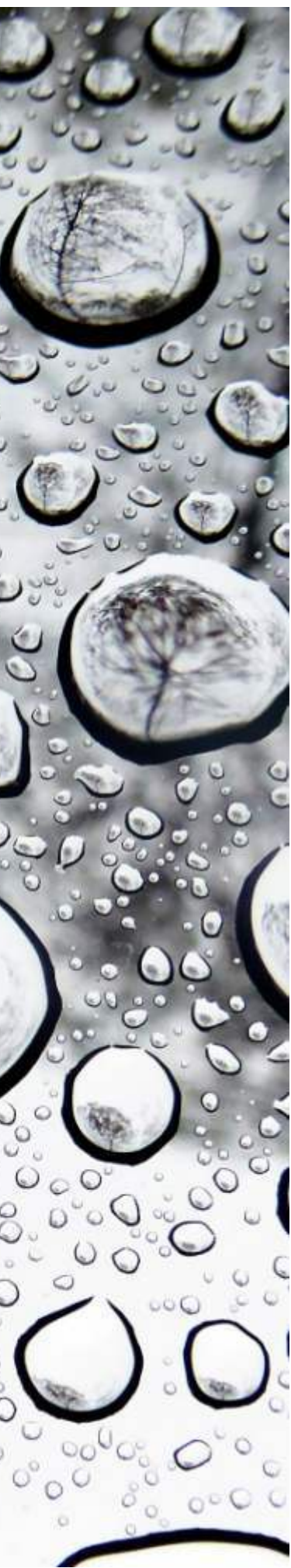
TWO COMPONENT PRODUCT



APPLICATION METHOD







# WATERPROOFING MATERIALS





# EBUPROOF ACR

ELASTOMERIC RESIN BASED, WATERPROOFING MATERIAL

H.S:321490000012

## DESCRIPTION

EBUPROOF ACR is an acrylic, elastomeric resin-based, single one component, water-based, elastic waterproofing coating.

## USAGE AREAS

- On all cement-based screed, plaster, gross concrete, slab.
- In the waterproofing of wet volumes.
- In ceramic and under screed applications.
- As waterproofing material under paint and coating on exterior facades.
- On all absorbent surfaces with undesirable UV resistance.

## CHARACTERISTICS

- It is single component and easy to apply.
- It has a high adhesion strength to cement-based surfaces.
- It prevents carbonation on the concrete surface.
- It creates a jointless and seamless coating.
- It provides impermeability.
- Since it is elastic, it covers the micro cracks in the structure.
- It does not prevent the passage of steam.
- It prevents corrosion of the reinforcement.
- It is resistant to freezing-thawing.
- It can be applied to horizontal and vertical surfaces.
- It is not harmful and flammable.
- It does not contain solvent.

## APPLICATION METHOD

### Surface Preparation

- The surface to be applied must be very clean and free of dust, oil and curing materials. Cracks and broken places on the application surface should be repaired.
- The product obtained by adding %50 amount of water to the product itself can also be used as a primer.
- It should be allowed to dry for at least 1 hour after primer application (20°C).

### Application

- The material should be mixed in its own container before use. (400-600 rpm)
- The first coat can be applied by mixing with the mixer for 3-5 minutes.
- The material can be applied to the surface with a brush, roller or airless spray.
- The application should be done in at least 2 coats. Coats should be applied perpendicularly to each other.
- The second coat should be applied within an average of 3-6 hours (20°C) after the first coat has dried
- In applications, the thickness of each coat should not exceed 1.5 mm.
- The product should be protected from all external factors for at least 2 days after application.

### Application Conditions

- There should be no external factors such as rain, snow, frost during the application of the material.
- The material should be applied to the dry surface.
- The environment should be ventilated in indoor applications.

## CONSUMPTION

500-750 gr/m<sup>2</sup>/each coat according to the absorption rate of the surface.

Average consumption;

For 1 mm dry film thickness; 1.50 kg /m

## PACKAGING AND STORAGE

### 20+10+5+3,5 kg plastic buckets

In its original packaging, when stored in ventilated, dry and protected environments at +5°C / +25°C, protected from sun, rain and frost, its shelf life is 1 year from the date of manufacture.

Opened packages should be used within a maximum of one week if they are tightly sealed again.

## SAFETY PRECAUTIONS

Contact of the product with the skin and eyes should be prevented, and in case of contact, it should be washed with plenty of water. If swallowed, drink a few glasses of water immediately and seek medical advice. In case of contact with eyes, they should be washed immediately with plenty of water and medical assistance should be obtained. Gloves and protective goggles should be used during use.

## TECHNICAL DATA

Material structure	Water-based acrylic resin (White)
Density	1.40 ± 0.02 kg/lit
Application temperature	+10°C / +35°C
Service temperature	-20°C / +80°C
Flexibility	> %250
Drying time (20°C)	4-5 hours first, 48 hours final (+20°C)
Capillary water absorption	≤ 0.1kg.m <sup>2</sup> .hours0,5
Adhesion strength	≥ 1 N/mm <sup>2</sup>
Crack bridging	≥ 2 mm (+20°C)

The above values are given at +20°C and for 50% relative humidity. High temperatures shorten the time, low temperatures prolong the time.



# EBUPROOF ACR UV

ELASTOMERIC RESIN BASED, UV RESISTANT,  
WATERPROOFING COATING

H.S:32149000012



## DESCRIPTION

EBUPROOF ACR UV is an acrylic, elastomeric resin-based, single one component, water-based, UV resistant, elastic waterproofing coating.

## USAGE AREAS

- All cement-based screed, plaster Indoors and outdoors.
- Gross concrete, on the slab, in places exposed to atmospheric aggressive external effects, and in structures exposed to solvent salt effects.
- On the exterior facades of the building.
- In vertical and horizontal applications.
- On the terraces and roofs.
- In concrete, zinc and precast streams.

## CHARACTERISTICS

- It is single component and easy to apply.
- It has a high adhesion strength to cement-based surfaces.
- It prevents carbonation on the concrete.
- It creates a jointless and seamless coating.
- It provides impermeability.
- Since it is elastic, it covers the micro cracks in the structure.
- It does not prevent the passage of steam.
- It provides a good appearance in terms of decoration.
- It prevents corrosion of the reinforcement.
- It is resistant to freezing-thawing event.
- It can be applied to horizontal and vertical surfaces.
- It is not harmful and flammable. It does not contain solvent.
- It is UV resistant

## APPLICATION METHOD

### Surface Preparation

- The surface to be applied must be very clean and free of dust, oil and curing materials. Cracks and broken places on the application surface should be repaired.
- The product obtained by adding %50 amount of water to the product itself can also be used as a primer.
- It should be allowed to dry for at least 1 hour after primer application (20°C).

### Application

- The material should be mixed in its own container before use. (400-600 rpm)
- The first coat can be applied by mixing with the mixer for 3-5 minutes.
- The material can be applied to the surface with a brush, roller or airless spray.
- The application should be done in at least 2 coats. Coats should be applied perpendicularly to each other.
- The second coat should be applied within an average of 3-6 hours (20°C) after the first coat has dried.
- In applications, the thickness of each coat should not exceed 1.5 mm.
- The product should be protected from all external factors for at least 2 days after application.

### Application Conditions

- There should be no external factors such as rain, snow, frost during the application of the material.
- In applications, the thickness of each coat should not exceed 1.5 mm.
- The environment should be ventilated in indoor applications.

## CONSUMPTION

500-750 gr/m<sup>2</sup>/each coat according to the absorption rate of the surface Average consumption;  
For 1 mm dry film thickness: 1,50 kg /m  
In gutters and streams: 3-4 kg /m<sup>2</sup>  
On the terraces: 2-3 kg /m<sup>2</sup>

## PACKAGING AND STORAGE

### 20+10+5+3,5 kg plastic buckets

In its original packaging, when stored in ventilated, dry and protected environments at +5°C / +25°C, protected from sun, rain and frost, its shelf life is 1 year from the date of manufacture.

Opened packages should be used within a maximum of one week if they are tightly sealed again.

## SAFETY PRECAUTIONS

Contact of the product with the skin and eyes should be prevented, and in case of contact, it should be washed with plenty of water. If swallowed, drink a few glasses of water immediately and seek medical advice. In case of contact with eyes, they should be washed immediately with plenty of water and medical assistance should be obtained. Gloves and protective goggles should be used during use.

## TECHNICAL DATA

Material structure	Water-based acrylic resin (White)
Density	1.40 ± 0.02 kg/lt
Application temperature	+10°C / +35°C
Service temperature	-20°C / +80°C
Flexibility	> %250
Drying time (20°C)	4-5 hours first, 48 hours final (+20°C)
Capillary water absorption	≤ 0.1kg.m <sup>2</sup> .hours0,5
Adhesion strength	≥ 1 N/mm <sup>2</sup> (EN 14891)
Crack bridging	≥ 2 mm (+20°C) (EN 14891)
Colors	White, Grey, Black

The above values are given at +20°C and for 50% relative humidity.  
High temperatures shorten the time, low temperatures prolong the time.







# EBUPROOF B1C

BITUMEN RUBBER BASED, ONE COMPONENT  
WATERPROOFING COATING

H.S:32149000012



## DESCRIPTION

EBUPROOF B1C is a one component waterproofing coating based on bitumen rubber, cold applied, with high elasticity.

## USAGE AREAS

- Under cladding on terraces, roofs and balconies,
- In the insulation of foundations and curtains,
- On solid surfaces based on gross concrete, screed, plaster and cement,
- It is used in the repair of old bituminous membranes

## CHARACTERISTICS

- It is elastic.
- It does not contain solvents or harmful substances.
- It does not prevent the passage of water vapor.
- It is an ecological product.
- Jointless coating is applied.
- It has a high crack covering capacity.
- It is easy to apply as it is a single-component, ready-to-use material.
- It has a high adhesion strength.
- It can be used on horizontal and vertical surfaces.
- It is resistant to freeze-thaw cycle.
- It is resistant to chemicals and salt solutions in the soil

## APPLICATION METHOD

### Surface Preparation

- The surface to be applied should be dry and clean. It should be free from anti-stick substances such as dust, oil, paint, curing.
- Mortar residues, loose floors have to be cleaned, cracks and broken areas have to be repaired and the surface level has to be leveled.
- The corners and edges should be chamfered with a minimum radius of 4 cm.

### Priming

- For priming, 1 kg EBUPROOF B1C can also be applied as a primer to the surface by mixing with 400-600 rpm mixer with 4 lt water
- After the primer is dried, it is started to be applied.

### Application

- The product is made ready for use by mixing with a mixer for at least 2 minutes 400-600 rpm.
- It can be applied with a brush and roller or by spraying with suitable machines.
- The second coat is applied after the first coat is dried.
- Appropriate mesh or reinforcement seal reinforcement can be made in large area applications and when necessary.

### Application Conditions

- Protect surfaces with EBUPROOF B1C from UV and sharp parts.
- Use reverse roof detail and ensure the terrace has a solid, sloped concrete slab of minimum 12 cm thickness.
- Use appropriate drainage plates and thermal insulation plates to protect the foundation pit before filling it.
- Strip multi-porous, distorted or perforated surfaces with EBUPROOF B1C to prevent air bubble formation and/or smooth the surface.

- Add water up to 3% of the material amount to prevent consistency issues in hot weather.
- Protect exterior surfaces from wind and frost for 48 hours and do not expose to water until dry.
- Use water inflatable tapes or PVC water retaining tapes for cold joint insulation at foundation and wall joints.
- Do not apply EBUPROOF B1C on metal surfaces.

## CONSUMPTION

Against unpressurized water: 3.0 kg / m<sup>2</sup> (In 2 layers application)

Against pressurized water : 4.5 kg / m<sup>2</sup> (In 3 layers application)

## PACKAGING AND STORAGE

### 20 kg Tin.

In its original packaging, when stored in ventilated, dry and protected environments at +5°C/+25°C, protected from sun, rain and frost, its shelf life is 1 year from the date of manufacture.

## SAFETY PRECAUTIONS

Gloves, protective clothing, masks/goggles should be used during mixing and application, and contact of the product with eyes, mouth and skin should be prevented. In case of contact with skin, it should be washed with plenty of water, and in case of contact with eyes and swallowing, a doctor should be consulted.

## TECHNICAL DATA

Density	1.05 kg/Lt ± 0.02
Solid matter ratio	63 ± 2%
Service temperature	-20°C / +80°C
Application temperature	+5°C / +30°C
Initial drying (20°C)	2-4 hours
Final drying	1-3 days
Impermeability	Fully impermeable
Resistance to salts	Fully resistant
Color	Black

The above values are given at +20°C and for 50% relative humidity. High temperatures shorten the time, low temperatures prolong the time.





# EBUPROOF B1CUV

BITUMEN POLYMER , 800% ELASTIC, UV RESISTANT  
WATERPROOFING MATERIAL

H.S:32149000012

## DESCRIPTION

EBUPROOF B1CUV is a rubber-bitumen based, one component solvent-free, UV resistant, 800% elastic waterproofing material.

## USAGE AREAS

- Suitable for concrete, plaster, screed, plastered brick, bituminous membrane, pitch, asphalt, metal, wood, zinc, sheet, and various plastics.
- Used for waterproofing aerated concrete floors that are plastered or primed.
- Ideal for waterproofing curtain walls, retaining walls, underground car park floors, terraces, garden terraces, balconies, roof streams (concrete, GRP, sheet, zinc), and wet areas.
- Suitable for repairing old bituminous membrane insulations.
- Can be used both underground and above ground.
- Suitable for horizontal and vertical surfaces.

## CHARACTERISTICS

- Elasticity: Can stretch up to 800%.
- Forms a seamless and waterproof coating when dry.
- Wide temperature range: -20°C to +200°C.
- UV resistant, suitable for areas exposed to sunlight.
- Suitable for terrace, flat roofs, and roof streams.
- Effective for underground use and resistant to microorganisms and aggressive groundwater.
- Strong adhesion to dry and slightly damp surfaces, both absorbent and non-absorbent.
- Does not separate or swell over time.
- Can be used alone for curtain wall insulation.
- Suitable for joint sealing and repairs of bituminous membranes and shingles.

## APPLICATION METHOD

### Surface Preparation

- Before application, the surface should be free from adhesive substances such as dust, oil, paint, curing.
- Mortar residues, loose floors have to be cleaned, cracks and broken areas have to be repaired and the surface level has to be leveled.
- The application surface should not be wet.

### Lining

- For priming, 1 kg of EBUPROOF B1CUV can be applied to the surface as a primer by mixing with 2 Lt of water and a 400-600 rpm mixer.
- After the primer is dried, it is started to be applied.

### Application

- Apply 2-3 layers by brushing or spraying using suitable equipment.
- Apply the second coat after the first coat has dried.
- Reinforce joints and areas prone to cracking with polyester mesh (56 gr/m<sup>2</sup>) or reinforcement felt (45 gr/m<sup>2</sup>).
- Protect the surface from rain and frost for 48 hours after application.

### Application Conditions

- For terrace application of EBUPROOF B1CUV, use reverse roof detail with heat insulation layer applied over the water insulation layer.

- Ensure solid slab concrete with a smooth surface and minimum 1% slope to avoid puddling.
- Strip multi-porous, distorted, or perforated surfaces with EBUPROOF B1CUV to prevent air bubble formation and smoothen the surface.
- Protect the exterior surface from strong wind and frost for the initial 48 hours.
- Avoid water contact until completely dry (2 days).

## CONSUMPTION

As primer: 0.2 kg / m<sup>2</sup>  
3.0 kg / m<sup>2</sup> (In 2 layers application)  
4.5 kg / m<sup>2</sup> (In 3 layers application)

## PACKAGING AND STORAGE

### 5 and 20 kg Tins.

In its original packaging, when stored in ventilated, dry and protected environments at +5°C/+30°C, protected from sun, rain and frost, its shelf life is 1 year from the date of manufacture.

## SAFETY PRECAUTIONS

Gloves, protective clothing, masks/goggles should be used during mixing and application, and contact of the product with eyes, mouth and skin should be prevented. In case of contact with skin, it should be washed with plenty of water, and in case of contact with eyes and swallowing, a doctor should be consulted.

## TECHNICAL DATA

Elongation of Rupture	> 800%
Application temperature	+5°C / +30°C
Service temperature	-20°C / +80°C
Viscosity	~ 8000 mPa.s
Density	1.21 g/cm <sup>3</sup> ± 0.02
Solid matter ratio	> 68%
Plastic deformation	> 60%
Color	Black

The above values are given at +20°C and for 50% relative humidity. High temperatures shorten the time, low temperatures prolong the time.





# EBUPROOF P1C

POLYURETHANE BASED, UNDER-COATING  
WATERPROOFING MATERIAL

H.S:390950100000



## DESCRIPTION

EBUPROOF P1C is a polyurethane based, single component, cold applied, gray colored, liquid elastic insulation

## USAGE AREAS

- On terraces, roofs and balconies,
- On wet floors such as bathrooms, kitchens,
- On metal surfaces,
- On mosaic surfaces,
- In the insulation of water tanks and ducts,
- In concrete structures such as bridges, viaducts, tunnels.

## CHARACTERISTICS

- It should be used under the coating.
- It is resistant to constant water contact.
- It is single component and easy to apply.
- It has a high crack covering capacity.
- Jointless coating is applied.
- It does not prevent the passage of steam.
- It is not poisonous or harmful.
- It is resistant to chlorine, alkali and chemicals.
- It has high resistance to freezing.

## APPLICATION METHOD

### Surface Preparation

- The application surface should be cleaned from anti-stick materials like dust, oil, tar, paint, silicone, and mold oils.
- Weak parts of the concrete should be repaired and the surface should be smooth and solid.
- Static cracks in the building should be repaired with EBUFIX LATEX plaster.
- Dynamic cracks should be filled with EBUPUR MASTIC polyurethane mastics and chamfered appropriately in vertical corners.
- Holes through which water comes should be plugged with EBUFIX PLUG.

### Priming

- Absorbent surfaces such as concrete should be primed with EBUPOL P340 or non-absorbent surfaces such as ceramic should be primed with EBUPOL P345

### Mixing

- The material must first be mixed with a suitable mixer for at least 3 minutes. The material can be thinned with a maximum of 5% by weight of Cellulosic Thinner when desired.

### Application

- Before use, open the package and mix the product with a low-speed mixer for at least 3 minutes.
- Pour the product on the primed surface and apply a minimum of two coats using a roller or check rust until the entire surface is covered.
- If applying with a spray, add a maximum of 5% Cellulosic Thinner to the product and mix well.
- After applying the first coat, apply the second coat within a minimum of 6 and a maximum of 24 hours.

## Application Conditions

- Do not apply the material when the ground temperature is below +5°C or above +35°C.
- Packages should be used entirely once opened.
- Protect the material from rain, frost, and direct sunlight within the first 24 hours after application at a temperature of +20°C.
- Ensure the application surface is not wet. The EBUPROOF P1C is resistant to up to 4% moisture on the surface. If the surface has higher humidity, moisture-tolerant polyurethane or epoxy primers can be used before application.

## CONSUMPTION

1.50 – 2.00 kg/m<sup>2</sup>  
(For 2 coats of application)

## PACKAGING AND STORAGE

### 25 kg Tin.

In its original packaging, in dry, protected and ventilated environments at +10°C / +30°C, when stored protected from sun, rain and frost, its shelf life is 12 months from the date of production.

## SAFETY PRECAUTIONS

During application and mixing, contact of the material with the skin and eyes should be prevented, and in case of contact, it should be washed with plenty of water. In case of contact with eyes, they should be washed immediately with plenty of water and medical assistance should be obtained. Gloves, protective clothing / mask / goggles should be used during use.

## TECHNICAL DATA

Material structure	Polyurethane liquid
Color	Grey
Density	1,35 gr/cm <sup>3</sup> (20 °C and 50% R.H.)
Shore A Hardness	60
Viscosity	4000–6000 cP
Elongation	> 400%
Application temperature	+ 5°C / + 35°C
Service temperature	- 30°C / + 80°C
First drying	4–6 hours
Final drying	5 days

The above values are given at +20°C and for 50% relative humidity. High temperatures shorten the time, low temperatures prolong the time.





# EBUPROOF P1CUV

POLYURETHANE BASED ,UV-RESISTANT  
WATERPROOFING MATERIAL

H.S:390950100000

## DESCRIPTION

EBUPROOF P1CUV is a polyurethane based, single component, cold applied, UV resistant, insulation material

## USAGE AREAS

- On terraces, roofs and balconies,
- On wet floors such as bathrooms, kitchens,
- On metal surfaces, and mosaic surfaces,
- In the insulation of water tanks and ducts,
- In concrete structures such as bridges, viaducts, tunnels

## CHARACTERISTICS

- It is UV resistant.
- It is resistant to constant water contact.
- It is single component and easy to apply.
- It has a high crack covering capacity.
- Jointless coating is applied.
- It does not prevent the passage of steam.
- It is not poisonous or harmful.
- It is resistant to chlorine, alkali and chemicals.
- It has high resistance to freezing

## APPLICATION METHOD

### Surface Preparation

- Clean the application surface from anti-stick materials such as dust, oil, tar, pitch, paint, silicone, curing material, detergent, and mold oils.
- Repair weak parts of the concrete.
- Ensure the surface is smooth and solid.
- Repair static cracks in the building with EBUFIX LATEX plaster. Fill dynamic (moving) cracks with EBU MASTIC polyurethane mastics and chamfer them appropriately in vertical corners.
- Plug holes through which water comes with EBU PLUG.

### Priming

- Absorbent surfaces such as concrete should be primed with EBUPOL P340 or non-absorbent surfaces such as ceramic should be primed with EBUPOL P345

### Mixing

- The material must first be mixed with a suitable mixer for at least 3 minutes. The material can be thinned with a maximum of 5% by weight of Cellulosic Thinner when desired.

### Application

- Mix the material with a suitable mixer for at least 3 minutes.
- The material can be thinned with a maximum of 5% Cellulosic Thinner by weight if desired.
- For spraying application, add a maximum of 5% Cellulosic Thinner to the product and mix.
- Apply the first coat and wait for a minimum of 6 and a maximum of 24 hours before applying the second coat.

### Application Conditions

- Do not apply the material when the ground temperature is below +5°C or above +35°C.
- Packages are for single use and should be completely consumed within the specified periods.

- Protect the material from rain, frost, and direct sunlight within the first 24 hours after application at +20°C.
- Ensure the application surface is not wet. EBUPROOF P1CUV is resistant to up to 4% moisture on the surface. Use moisture-tolerant polyurethane or epoxy primers on surfaces with higher humidity before application.
- Roughen very smooth surfaces before application.
- If the application area will have light pedestrian traffic, apply EBUPROOF P1CUV after the product is completely dried.

## CONSUMPTION

1.50 - 2.00 kg/m<sup>2</sup>  
(For 2 coats of application)

## PACKAGING AND STORAGE

### 25 kg Tin.

In its original packaging, in dry, protected and ventilated environments at +10°C / +30°C, when stored protected from sun, rain and frost, its shelf life is 12 months from the date of production.

## SAFETY PRECAUTIONS

During application and mixing, contact of the material with the skin and eyes should be prevented, and in case of contact, it should be washed with plenty of water. In case of contact with eyes, they should be washed immediately with plenty of water and medical assistance should be obtained. Gloves, protective clothing / mask / goggles should be used during use

## TECHNICAL DATA

Material structure	Polyurethane liquid
Color	White, Grey
Density	1,35 gr/cm <sup>3</sup> (20 °C and 50% R.H.)
Shore A Hardness	60
Viscosity	4000-6000 cP
Elongation	> 600%
Application temperature	+ 5°C / + 35°C
Service temperature	- 30°C / + 80°C
First drying	4-6 hours
Final drying	5 days

The above values are given at +20°C and for 50% relative humidity. High temperatures shorten the time, low temperatures prolong the time.



# EBUPROOF P2CTR

TERMOPLASTIC ACRYLIC TRANSPARENT COATING  
WATERPROOFING MATERIAL

H.S:390950100000



## DESCRIPTION

EBUPROOF P2CTR is a termoplastic acrylic based, two component, self-liquid, ready-to-use, UV resistant, transparent coating and waterproofing material.

## USAGE AREAS

- On balconies and terrace roofs with light pedestrian traffic,
- On balconies and terraces covered with materials such as glazed tiles, ceramics, natural stone, marble, tiles
- On reinforced concrete surfaces, plasters and screed,
- On glass, on glass brick, on metals such as iron, steel, aluminum,

## CHARACTERISTICS

- It is transparent and does not damage the existing coating, allowing waterproofing without changing the appearance of the bottom coating. It is decorative.
- It does not contain materials like silicone oil and plasticizer, preventing color changes due to oil vomiting in building materials such as natural stone and marble.
- It is resistant to wear from light pedestrian traffic in areas like terraces and balconies.
- It is UV resistant, preventing cracking, yellowing, and leakage.

## APPLICATION METHOD

### Surface Preparation

- The application surface should be cleaned from anti-stick materials like dust, oil, tar, pitch, paint, silicone, curing material, detergent, and mold oils.
- Surfaces may need to be roughened with mechanical methods in certain areas.
- EBUPOL P345 should be primed if needed.

### Application

- EBUPROOF P2CTR is a ready-to-use product applied with a brush or roller.
- When applying on jointed surfaces, coat the joints first using a brush.
- Apply two coats of the product to all surfaces using a roller.
- Allow the first layer to completely dry before applying the second layer.

### Application Conditions

- The application surface should be completely dry.
- In cases where the ground temperature is below +5°C and above +35°C, the material should not be applied.
- Packages are designed for single use.
- When it is opened, it must be consumed completely within the specified periods.
- The material should be protected from rain, frost and direct sunlight within the first 24 hours after application. (+20°C)
- Do not apply on damp or wet surfaces, in areas with negative water - water vapor pressure, and in areas that are in constant contact with water such as swimming pools and water tanks.

## CONSUMPTION

On non-absorbent surfaces: 0,200 kg/m<sup>2</sup>  
On absorbent surfaces : 0,400 kg/m<sup>2</sup>

## PACKAGING AND STORAGE

**(0,7 kg+0,1 kg )tins (3,5kg+0,5 kg) tins**

In its original packaging, in dry, protected and ventilated environments at +10°C /+30°C, when stored protected from sun, rain and frost, its shelf life is 12 months from the date of production.

## SAFETY PRECAUTIONS

During application and mixing, contact of the material with the skin and eyes should be prevented, and in case of contact, it should be washed with plenty of water. In case of contact with eyes, they should be washed immediately with plenty of water and medical assistance should be obtained. Gloves, protective clothing / mask / goggles should be used during use.



## TECHNICAL DATA

Appearance	Transparent liquid coating
Density	1,10 ± 0,05 kg/lt
Application Temperature	+5°C to +35°C
Shore A Hardness	90 ± 5
Elongation at Break	> 300% (7 days)
Film Creation Time	60 ± 30 minutes
Curing Speed	1 mm / 24 hours
Service Temperature	-30°C / +80°C

The above values are given at +20°C and for 50% relative humidity.  
High temperatures shorten the time, low temperatures prolong the time.







# EBUPROOF P2CWT

POLYURETHANE BASED, LIQUID WATERPROOFING MATERIAL FOR WATER TANKS

H.S:390950100000

## DESCRIPTION

EBUPROOF P2CWT is a two-component, blue, liquid elastic waterproofing material for drinking and usage water tanks.

## USAGE AREAS

- On terraces, roofs and balconies.
- In usage and drinking water tanks.
- On metal surfaces.

## CHARACTERISTICS

- It should be used under the coating.
- It is resistant to constant water contact.
- It has a high crack covering capacity.
- Jointless coating is applied.
- It does not prevent the passage of steam.
- It is not poisonous or harmful.
- It is resistant to chlorine, alkali and chemicals.
- It has high resistance to freezing.

## APPLICATION METHOD

### Surface Preparation

- Clean the application surface from anti-stick materials.
- Repair weak parts of the concrete with suitable plasters.
- Ensure the surface is smooth and solid.
- Repair static cracks with EBUFIX LATEX plaster.
- Fill dynamic cracks with EBUPUR P600 polyurethane mastics and chamfer appropriately in vertical corners.

### Priming

- Absorbent surfaces such as concrete should be primed with EBUPOL P340 or non-absorbent surfaces such as ceramic should be primed with EBUPOL P345

### Mixing

- The products should first be opened individually and mixed with a low speed mixer for 2-3 minutes. Then, A and B components are combined and made ready for use by mixing with a low speed mixer for a minimum of 3-4 minutes.



## Application

- Open the package and mix the product with a low-speed mixer for at least 3 minutes.
- Pour the product on the primed surface and apply a minimum of two coats using a roller or brush until the entire surface is covered.
- If desired for spraying application, add a maximum of 5% Cellulosic Thinner and mix thoroughly.
- After applying the first coat, apply the second coat within a minimum of 8 and a maximum of 24 hours.

## Application Conditions

- Do not apply the material if the ground temperature is below +5°C or above +35°C.
- The package is for single use and should be used completely after opening.
- Protect the applied material from rain, frost, and direct sunlight for the first 24 hours after application (at +20°C).
- If the surface has higher humidity, use moisture-tolerant polyurethane or epoxy primers before applying EBUPROOF P2CWT.

## CONSUMPTION

1.50 - 2.00 kg/m<sup>2</sup>  
(For 2 coats of application)

## PACKAGING AND STORAGE

### 24 kg Tins (set).

Component A: 20 kg - Component B: 4 kg  
Shelf life when stored in its original packaging at +10°C / +30°C in dry, protected and ventilated environments, protected from sun, rain and frost, is 12 months from the date of manufacture.

## SAFETY PRECAUTIONS

During application and mixing, contact of the material with the skin and eyes should be prevented, and in case of contact, it should be washed with plenty of water. In case of contact with eyes, they should be washed immediately with plenty of water and medical assistance should be obtained. Gloves, protective clothing / mask / goggles should be used during use.

## TECHNICAL DATA

Material structure	Polyurethane liquid
Color	Blue
Density	1,40 gr/cm <sup>3</sup> (20 °C and 50% R.H.)
Shore D hardness	40
Viscosity	15.000-20.000 cP
Elongation	> 100%
Application temperature	+ 5°C / + 35°C
Container Life	20 minutes
Service temperature	- 30°C / + 80°C
First drying	4-6 hours
Final drying	5 days

The above values are given at +20°C and for 50% relative humidity.  
High temperatures shorten the time, low temperatures prolong the time.

# EBUPROOF 2KINJ

TWO-COMPONENT FLEXIBLE POLYURETHANE  
INJECTION RESIN

H.S:390950100000



## DESCRIPTION

EBUPROOF 2KINJ is a two-component, low-viscosity, solvent-free, flexible polyurethane injection resin.

## USAGE AREAS

- Where waterproofing must be provided, in filling and repair works,
- In crack injections, in places exposed to movement in concrete structures and in dilatations to stop water leaks,
- In tunnels, bridges and all structural elements, stopping water leaks at the joints of tunnel segments, behind the segment curtain injection works,
- It is used for preinjection of sandy soil, cracked rocks, stabilization of sandy and gravelly soils.

## CHARACTERISTICS

- It does not contain solvent.
- It doesn't shrink.
- It is hydrophobic.
- It reacts in contact with water, expands and cures, and turns into a non-porous, flexible and dense foam.
- It provides absolute water impermeability.
- It has high adhesive strength even in humid environments.
- It is resistant to light acids, alkalis, organic solutions, fungus, mold and microorganisms.
- Reaction and expansion rate can be controlled.
- There is no harm to health in contact with drinking water.

## APPLICATION METHOD

### Surface Preparation

- The cracks to be applied should be cleaned with compressed air and free parts should be cleaned from substances such as oil and paint.

### Mixing

- Required amount of CATALYST (1-5%) is added to EBUPROOF 2KINJ resin by shaking beforehand and mixed until a homogeneous mixture is obtained.
- The accelerator rate should be determined by conducting an experiment in advance, taking into account the ambient temperature, humidity rate and water temperature.
- During mixing, the resin should be kept away from water, otherwise it reacts, foaming starts and starts to freeze in the equipment and clogs.
- The mixture does not react as long as it does not come into contact with water.



## PACKAGING AND STORAGE

### 20 + 2 kg Tin Set.

Shelf life when stored in its original packaging at +10°C / +30°C in dry, protected and ventilated environments, protected from sun, rain and frost, is 12 months from the date of manufacture.

## SAFETY PRECAUTIONS

During application and mixing, contact of the material with the skin and eyes should be prevented, and in case of contact, it should be washed with plenty of water. In case of contact with eyes, they should be washed immediately with plenty of water and medical assistance should be obtained. Gloves, protective clothing / mask / goggles should be used during use.

## TECHNICAL DATA

### Injection 2K

Specific gravity	1.06 kg / lt ± 0.03
Viscosity	260-300 cP (+25°C)

### Catalyst

Specific gravity	0.95 kg / lt ± 0.03
Viscosity	40-60 cP (+25°C)

### Injection 2K + %2 Catalyst cured mixture

Flexibility	> 200%
Tensile strength	> 1 N/mm <sup>2</sup>

The above values are given at +20°C and for 50% relative humidity.  
High temperatures shorten the time, low temperatures prolong the time.



WATERPROOFING MATERIALS

ebuchem  
CONSTRUCTION MATERIALS



# EBUPROOF 2CSE

CEMENT BASEF TWO COMPONENT, SEMI-ELASTIC  
WATERPROOFING MATERIAL

H.S:32149000012

## DESCRIPTION

EBUPROOF 2CSE is a polymer reinforced, non-shrink, high-performance, semi-elastic waterproofing material

## USAGE AREAS

- In vertical and horizontal applications in indoor and outdoor spaces,
- It is used to ensure water impermeability under screed and ceramic in balconies and wet areas.

## CHARACTERISTICS

- EBUPROOF 2CSE provides long-lasting waterproofing for the applied structure.
- It exhibits strong adhesion to mineral-based surfaces such as concrete, screed, and mosaic.
- Suitable for both interior and exterior facades.
- Forms a flexible and elastic coating.
- Resistant to shrinkage and cracking.
- Ideal for structures with existing cracks or prone to cracking.
- Does not impede the breathability of the structure.
- Applicable to both horizontal and vertical surfaces.
- Once fully dried, it remains unaffected by freezing and thawing.
- Can be applied on damp surfaces.

## APPLICATION METHOD

### Surface Preparation

- Prior to applying EBUPROOF 2CSE ensure the surface is clean and free from dust, oil, paint, curing agents, and any other substances that may hinder penetration.
- It is recommended to roughen the surface to enhance adhesion.
- For optimal application, the surfaces should be damp. If the surface is dry, it should be moistened and saturated with water before applying the product.

### Mixing

- Combine component B with component A (powder) and mix continuously for 4-5 minutes.
- Allow the mixed material to rest for 5 minutes, then mix again for at least 3 minutes until it is ready for application.
- The material should be used within 1 hour after mixing and preparing it (at 20°C).

### Application

- Apply EBUPROOF 2CSE in 1-3 brush layers, each around 1-1.5 mm thick.
- Use a 2 mm thick mortar.
- Use elastic mesh or armure felt between layers for added strength and flexibility.
- Reinforce corner joints with elastomeric bands to prevent cracking.
- EBUPROOF 2CSE achieves full strength after 28 days.
- Apply EBUPRIME P400 as a primer before waterproofing.

### Application Conditions

- Protect the surface from rain and frost for at least 24 hours after application.
- Avoid applying the product if the ground temperature is expected to drop below 5°C within 24 hours.

- In high-temperature environments, apply the material quickly and continuously during morning and evening hours, and store it in the shade.
- In low-temperature environments, start the application at noon, ensuring the temperature is below 5°C and the surface is not frozen. Keep the material in a warm environment and protect the surface from frost after application.

## CONSUMPTION

2,5 - 3 kg/m<sup>2</sup> (average 2 mm thickness)  
1st layer; 1.60 kg / m<sup>2</sup> - 2nd layer; 1.40 kg / m<sup>2</sup>

## PACKAGING AND STORAGE

**25 kg Set (20 kg A (powder) + 5 kg B (liquid)).**

In its original packaging, when stored in ventilated, dry and protected environments at +5°C/+25°C, protected from sun, rain and frost, its shelf life is 1 year from the date of manufacture.

## SAFETY PRECAUTIONS

Gloves, protective clothing, masks/goggles should be used during mixing and application, and contact of the product with eyes, mouth and skin should be prevented. In case of contact with skin, it should be washed with plenty of water, and in case of contact with eyes and swallowing, a doctor should be consulted.

## TECHNICAL DATA

Floor temperature to be applied	+5°C / +35°C
Service temperature	-20°C / +80°C
Adhesion to concrete	> 1,5 N/mm <sup>2</sup>
Processability time	1 hour (20°C, 50% humidity)
Density	1.65 ± 0,05 kg/lt
Compressed water strength	5 bars positive
Setting time (20°C)	6 hours first setting, 24-hour final setting
Capillary water absorption	≤ 0.1kg.m2.hours0,5

The above values are given at +20°C and for 50% relative humidity. High temperatures shorten the time, low temperatures prolong the time.





# EBUPROOF 2CFE

CEMENT BASED, TWO COMPONENT, FULLY ELASTIC  
WATERPROOFING MATERIAL

H.S:32149000012



## DESCRIPTION

EBUPROOF 2CFE is a fully elastic, 2 component waterproofing material that protects the structure it is applied against cracks, has a high degree of adhesion, and is resistant to tensile & shrinkage.

## USAGE AREAS

- In all kinds of reinforced concrete structures with the possibility of cracking,
- In waterproofing from the positive side,
- Water tanks & pools,
- On the floors, terraces and balconies,
- In reinforced concrete curtains and walls,
- Before screed and ceramic flooring in kitchens and bathrooms,
- It is used on horizontal and vertical surfaces.

## CHARACTERISTICS

- EBUPROOF 2CFE provides permanent waterproofing for the applied structure.
- It adheres strongly to concrete, screed, mosaic, and similar mineral-based surfaces.
- Suitable for interior and exterior facades.
- Creates an elastic coating that doesn't shrink or crack.
- Ideal for structures with existing or potential cracks.
- Enhances durability against external factors like sea water, salt, calcium, and oil.
- Allows the applied structure to breathe.
- Applicable to both horizontal and vertical surfaces.
- Can be applied to damp surfaces.

## APPLICATION METHOD

### Surface Preparation

- Ensure the surface is free from dust, oil, paint, curing, and other substances that can hinder penetration before applying EBUPROOF 2CFE.
- Roughen the surface to enhance adhesion.
- Apply the product to damp surfaces, and if the surface is dry, moisten it and saturate it with water before application.

### Mixing

- EBUPROOF 2CFE has two components.
- Add component B in component A (powder) and mix continuously for 4-5 minutes.
- The mixed material is rested for 5 minutes and again mixed for at least 3 minutes and made ready for application.
- The material should be used within 1 hour after it is mixed and ready for use. (at 20°C)

### Application

- Apply EBUPROOF 2CFE to the concrete surface using 1-3 layers of brush, ensuring a thickness of 1-1.5 mm for each layer.
- The thickness of the mortar applied should be approximately 2 mm.
- Use elastic synthetic mesh (4x4 mm) or armure felt between layers to enhance strength and flexibility.
- Utilize elastomeric bands at corner joints to increase strength and prevent cracking.
- The product becomes resistant to rain after 24 hours of application and reaches its final strength after 28 days.
- Protect the applied product from external factors for 24-48 hours.

## Application Conditions

- Protect surface from rain and frost for at least 24 hours after application.
- Avoid applying if ground temperature may fall below 5°C within 24 hours.
- Apply swiftly in high temperatures, keeping material shaded.
- For low temperatures, start at noon (<5°C), thawed surface, and protect from frost post-application.

## CONSUMPTION

3-4 kg/m<sup>2</sup> (average 2-2.5 mm thickness)  
1st layer; 1.60 kg / m<sup>2</sup> 2nd layer; 1.40 kg / m<sup>2</sup> 3rd layer; 1.00 kg / m<sup>2</sup>

## PACKAGING AND STORAGE

**30 kg Set (20 kg A (powder) + 10 kg B (liquid)).**

In its original packaging, when stored in ventilated, dry and protected environments at +5°C/+25°C, protected from sun, rain and frost, its shelf life is 1 year from the date of manufacture.

## SAFETY PRECAUTIONS

Gloves, protective clothing, masks/goggles should be used during mixing and application, and contact of the product with eyes, mouth and skin should be prevented. In case of contact with skin, it should be washed with plenty of water, and in case of contact with eyes and swallowing, a doctor should be consulted.

## TECHNICAL DATA

Floor temperature to be applied	+5°C / +35°C
Service temperature	-20°C / +80°C
Adhesion to concrete	> 2 N/mm <sup>2</sup>
Processability time	1 hour (20°C, 50% humidity)
Density	1.65 ± 0,05 kg/l
Compressed water strength	7 bars positive
Setting time (20°C)	6 hours first setting, 24-hour final setting
Capillary water absorption	≤ 0.1kg.m <sup>2</sup> .hours0,5

The above values are given at +20°C and for 50% relative humidity.  
High temperatures shorten the time, low temperatures prolong the time.





# EBUPROOF 2CUV

CEMENT BASED, TWO COMPONENT, UV RESISTANT  
WATERPROOFING MATERIAL

H.S:32149000012

## DESCRIPTION

EBUCHEM 2CUV is a fully elastic, UV resistant, white colored, 2 component waterproofing material that protects the structure against cracks, has a high degree of adhesion, resistant to tensile & shrinkage.

## USAGE AREAS

In all kinds of reinforced concrete structures with the possibility of cracking,  
In waterproofing from the positive side,  
In reinforced concrete roofs and terraces,  
Water structures, water tanks, water tanks, pools,  
On balconies, in wet areas,  
It is used on horizontal and vertical surfaces.

## CHARACTERISTICS

EBUCHEM 2CUV provides waterproofing as a permanent part of the applied structure.  
It adheres strongly to concrete, screed, mosaic and similar mineral-based surfaces.  
It can be applied to interior and exterior facades.  
It makes an elastic coating.  
It does not shrink and does not crack.  
It is used in structures that may crack or structures that still have cracks.  
It increases the durability of the structure it is applied against external factors such as sea water, salt, calcium and oil.  
It does not prevent the applied structure from breathing.  
It is used on horizontal and vertical surfaces.  
After the product is completely dried, it is not affected by freezing and thawing.  
It can be applied to damp surfaces.

## APPLICATION METHOD

### Surface Preparation

Before application of EBUCHEM 2CUV, the surface should be free from dust, oil, paint, curing and other substances that are unrelated to the structure and prevent penetration.  
The surface should be roughened to ensure adhesion.  
Surfaces to be applied should be damp, dry surfaces should be moistened and saturated with water before application.

### Mixing

EBUCHEM 2CUV has two components.  
First, component B (liquid) is placed in a clean container.  
Then, all of component A (powder) is slowly added to component B and stirred continuously for 4-5 minutes.  
The mixed material is rested for 5 minutes and again mixed for at least 3 minutes and made ready for application.  
The material should be used within 1 hour after it is mixed and ready for use. (at 20°C)

### Application

EBUCHEM 2CUV is applied to the concrete surface with 1-3 layers of brush to make 1-1.5 mm thickness in each layer.  
The thickness of the mortar applied should be around 2 mm. for strength and flexibility.  
At corner joints, chamfer bands should be used to increase strength and prevent cracking.

EBUCHEM 2CUV becomes resistant to rain 24 hours after application, reaches its final strength after 28 days.  
The applied product should be protected against external factors for 24-48 hours.

## Application Conditions

After application, the surface should be protected from rain and frost for at least 24 hours.  
In cases where the ground and air temperature are expected to fall below 5°C within 24 hours after the application, the application should not be performed.  
In high temperature environments, the application should be done quickly and uninterrupted in the morning and evening hours and the material should be kept in the shade.  
In low temperature environments, the application should be started at noon, provided that the temperature is below 5°C and the surface is not frozen, the material should be kept in a hot environment and the surface should be protected from frost after application.

## CONSUMPTION

3-4 kg/m<sup>2</sup> (average 2-2.5 mm thickness) 1st layer ; 1.60 kg / m<sup>2</sup> 2nd layer ; 1.40 kg / m<sup>2</sup> 3rd layer ; 1.00 kg / m<sup>2</sup>

## PACKAGING AND STORAGE

30 kg Set (20 kg A (powder) + 10 kg B (liquid))  
In its original packaging, when stored in ventilated, dry and protected environments at +5°C/+25°C, protected from sun, rain and frost, its shelf life is 1 year from the date of manufacture.

## SAFETY PRECAUTIONS

Gloves, protective clothing, masks/goggles should be used during mixing and application, and contact of the product with eyes, mouth and skin should be prevented. In case of contact with skin, it should be washed with plenty of water, and in case of contact with eyes and swallowing, a doctor should be consulted.

## TECHNICAL DATA

Floor temperature to be applied	+5°C / +35°C
Service temperature	-20°C / +80°C
Adhesion to concrete>	2 N/mm <sup>2</sup>
Processability time 1 hour	(20°C, 50% humidity)
Density	1.65 ± 0,05 kg/l <sup>t</sup>
Compressed water strength	7 bars positive
Capillary water absorption	≤ 0.1kg.m <sup>2</sup> hours 0,5
Color	White

The above values are given at +20°C and for 50% relative humidity.  
High temperatures shorten the time, low temperatures prolong the time.





# EBUPROOF PLUG

CEMENT BASED WATER SHUTOFF, PLUG & REPAIR  
QUICK SETTING MORTAR

H.S:32149000012



## DESCRIPTION

EBUPROOF PLUG is a fast curing, polymer reinforced, fast curing, single component, ready to use, assembly, repair and water shutoff plug mortar used in many assembly works to stop water leaks.

## USAGE AREAS

- In places with all kinds of water leakage,
- In Tunnels, water structures, water pipes, at the joints,
- In the repair of defects and holes in concrete, tie-rod iron fills their gaps.
- For chamfering at the corner joints in concrete,
- On the edges of doors and windows,
- It is used in the assembly of non-load-bearing elements.

## CHARACTERISTICS

- EBUPROOF PLUG provides permanent waterproofing.
- It has strong adhesion and quick expansion and hardening (2-5 minutes).
- Allows for insulation coatings within 15 minutes.
- Suitable for pressurized water flows.
- Non-shrink and chlorine-free, safe for steel reinforcement and drinking water.
- Allows the applied structure to breathe.
- Suitable for all horizontal and vertical surfaces.
- Resistant to freezing and thawing.
- Easy to use, only requires water addition.

## APPLICATION METHOD

### Surface Preparation

- Prepare the surface by removing dust, oil, paint, curing, and other non-structural substances using compressed air or a brush. Create a cavity around the water flow to ensure proper drainage.
- Apply EBUPROOF PLUG around the flow, using gloves, until leaks are sealed. Prior to application, moisten the surface.

### Mixing

- Mix EBUPROOF PLUG manually or with a bar for about 30 sec. Add water slowly to a bucket and gradually incorporate the powder material until it reaches a semi-dry consistency suitable for plastering. It is important to achieve a semi-dry mixture as the material will further mix with runoff and leachate.
- In high temperature environments, use cold mixing water, while warm mixing water is recommended in low temperature environments.
- The recommended mixture ratio is 1 part water to 4 parts powder (0.25 liters of water per 1 kg of powdered product).
- The mixture should be used within approximately 3 min after mixing.

### Application

- Application is done by hand or trowel.

### Repair of Water Flows

- Mix EBUPROOF PLUG with water and press it by hand in a single movement towards the crack where the water flow is coming from. Hold it until the material hardens and the water flow stops.
- After pressing for at least 1 minute and the material has hardened, remove your hand slowly.

- For vertical cracks, start the application from the top and move in the direction of the water flow with pressure.
- If needed, cover the top of the plugged area with EBUPROOF PLUG powder material.

## Anchorage and Assembly Works

- To fix anchors and fasteners to concrete, fill 80% of the gap with EBUPROOF PLUG and immediately secure it by turning the anchor.
- For other concrete surface defects and joints, quickly apply the material to the cavity.

## CONSUMPTION

Variable. With 1 kg EBUPROOF PLUG an average area of 2x2 cm can be clogged.

## PACKAGING AND STORAGE

### 5 kg plastic bucket.

In its original packaging, when stored in ventilated, dry and protected environments at +5°C/+25°C, protected from sun, rain and frost, its shelf life is 1 year from the date of manufacture

## SAFETY PRECAUTIONS

Gloves, protective clothing, masks/goggles should be used during mixing and application, and contact of the product with eyes, mouth and skin should be prevented. In case of contact with skin, it should be washed with plenty of water, and in case of contact with eyes and swallowing, a doctor should be consulted.

## TECHNICAL DATA

Structure	Cement-based powder
Amount of water	0.25 L of water per 1 kg of powdered product
Compressive Strength	> 7 N/mm <sup>2</sup> (30 min.) >10 N/mm <sup>2</sup> (24 h) >30 N/mm <sup>2</sup> (28 h)
Working time	1 minute (20°C)
Setting time	2 - 5 minutes
Application temperature	+5°C - +35°C

The above values are given at +20°C and for 50% relative humidity.  
High temperatures shorten the time, low temperatures prolong the time.





# EBUPROOF CRY10

CRYSTALLIZED WATERPROOFING MATERIAL

H.S:32149000012

## DESCRIPTION

It is an insulation material that provides waterproofing in the basic insulations of the buildings as scattering and in the negative direction on the inner surfaces of the buildings. The crystallized chemicals in the EBUPROOF CRY10 react in the applied structure to form insoluble crystals. These crystals penetrate the capillary cavities and provides permanent waterproofing as part of the structure.

## USAGE AREAS

- In building foundations and subsoil floors & In the elevator pits.
- For waterproofing concrete pipes, retaining walls, basement walls from the inside from the negative side.

## CHARACTERISTICS

- EBUPROOF CRY10 provides lifelong water impermeability to structures by preventing water advancement through crystal formation in capillary cavities.
- It prevents moisture and odor on moldy surfaces.
- The product remains active and continues to react with moisture and water infiltrating the concrete over time.
- It withstands both positive and negative water pressure.
- Suitable for application on interior and exterior facades.
- Resistant to UV rays and oxidation.
- Protects concrete and steel reinforcement from chemicals, increasing the pH value of concrete and preventing corrosion.
- The inorganic chemical structure does not compromise the compressive strength of the concrete.
- Non-toxic and safe for use in potable water tanks.

## APPLICATION METHOD

### As sliding insulation material Surface Preparation

- Apply EBUPROOF CRY10 on damp surfaces, moistening dry surfaces before application.
- Fully saturate the surface with water 1 day prior to application and again 2 hours before. Avoid puddles on the surface.
- Ensure the surface is free from dust, oil, paint, and other substances unrelated to the structure to allow proper penetration.
- If needed, roughen the surface to enhance adhesion.

### Mixing

- The required amount of water is added and mixed with EBUPROOF CRY10 in bucket.
- 20 kg powder material (by weight) ; 6.2-7 kg water is added.

### Application

- Apply the mixture to the moist concrete surface using a brush in two coats.
- The second coat should be applied perpendicular to the first coat before it fully hardens but is dehydrated (within approximately 3-5 hours).

### Use as scattering under foundation

- After laying the iron and mold, sprinkle the material onto the lean concrete at a rate of 3 kg/m<sup>2</sup>. To control consumption, place 20 kg of the material in a 3x2 m (6 m<sup>2</sup>) tile on the iron and distribute it within that area.
- Once fresh concrete is poured over the material, the reaction begins, providing insulation.

## Application Conditions

- Protect the applied surface from rain and frost for at least 24 hours. Avoid application if the ground temperature is expected to drop below 5°C within 24 hours.
- In high temperature environments, apply the material swiftly and continuously during the morning and evening hours, while keeping it shaded.
- In low-temperature environments, begin the application at noon when the temperature is below 5°C and the surface is not frozen.
- Keep the material in a warm environment and protect the surface from frost after application.

## CONSUMPTION

As sliding; 2-3 kg/m<sup>2</sup> (1 kg /m<sup>2</sup>/each layer) as sprinkling under foundation; 3-4 kg/m<sup>2</sup>

## PACKAGING AND STORAGE

### 25 kg Craft Bag

Shelf life when stored in its original packaging at +10°C /+30°C in dry, protected and ventilated environments, protected from sun, rain and frost, is 12 months from the date of manufacture

## SAFETY PRECAUTIONS

Use caution to avoid contact between the material and the skin or eyes during application and mixing. If contact occurs, wash the affected area with plenty of water. In case of contact with the eyes, immediately rinse with ample water and seek medical assistance. Wear gloves, protective clothing, masks, and goggles for personal protection during use.

## TECHNICAL DATA

Floor temperature to be applied	+5°C / +35°C
Service temperature	-20°C / +80°C
Adhesion to concrete	> 2 N/mm <sup>2</sup>
Processability time	20 minutes (20°C, 50% humidity)
Setting Time (20°C)	6 hours first setting, 24-hour final setting
Capillary water absorption	≤ 0.1 kg.m <sup>2</sup> .hours/0,5final (+20°C)
Mixture density	1,95 ±0,1 kg/L
Water mixture ratio	31-35%

The above values are given at +20°C and for 50% relative humidity. High temperatures shorten the time, low temperatures prolong the time.



# EBUPROOF CRY20

CRYSTALLIZED, HIGH PRESSURE RESISTANT  
WATERPROOFING MATERIAL

H.S:32149000012



## DESCRIPTION

EBUPROOF CRY20 is an insulation material used for waterproofing in building foundations and on inner surfaces. Its crystallized chemicals react within the structure, forming insoluble crystals. These crystals penetrate capillary cavities, providing permanent waterproofing as an integral part of the structure.

## USAGE AREAS

- In building foundations and subsoil floors.
- In the elevator pits, dams.
- For waterproofing concrete pipes, retaining walls, basement walls from the inside from the negative side.

## CHARACTERISTICS

- EBUPROOF CRY20 effectively prevents water infiltration with crystal formation, ensuring lifelong water impermeability. It
- has high compressive strength and prevents moisture formation.
- It remains reactive and activates with moisture over time.
- It resists positive and negative water pressure and is suitable for interior and exterior facades.
- It is unaffected by UV rays and oxidation.
- It protects concrete and steel reinforcement, increasing pH to prevent corrosion.
- Its inorganic structure maintains concrete's compressive strength.
- Non-toxic and safe for potable water tanks.

## APPLICATION METHOD

### As sliding insulation material; Surface Preparation

- Surfaces should be dampened before applying EBUPROOF CRY20. Dry surfaces should be moistened by fully saturating them with water 1 day before and again 2 hours before application. Avoid puddles on the surface.
- Ensure the surface is free from dust, oil, paint, and unrelated substances that hinder penetration before applying EBUPROOF CRY20
- If needed, roughen the surface for better adhesion.

### Mixing

- The required amount of water is added and mixed with EBUPROOF CRY20 in bucket.
- 20 kg powder material (by weight) ; 6.2-7 kg water is added.

### Application

- The EBUPROOF CRY20 mixture is applied to the moist concrete surface in two coats using a brush.
- The second coat should be applied perpendicularly to the first coat before it fully hardens but dehydrates, typically within 3-5 hours.

### Use as scattering under foundation

- After the iron and mold are laid, the material is sprinkled on lean concrete.
- (3 kg/m<sup>2</sup>) In order to keep the consumption under control, (20 kg) is placed in the 3x2 m (6 m<sup>2</sup> area) tile made on iron and sprinkled into that area. With the pouring of fresh concrete on the material, the reaction begins and insulation is provided.

## Application Conditions

- Protect the applied surface from rain and frost for a minimum of 24 hours after application.
- Avoid applying the material if the ground temperature is expected to drop below 5°C within 24 hours.
- In high temperature environments, apply the material swiftly and continuously during the morning and evening hours, while keeping it in the shade.
- In low-temperature environments, begin the application at noon when the temperature is below 5°C and the surface is not frozen. Keep the material in a warm environment and protect the surface from frost after application.

## CONSUMPTION

As sliding; 2-3 kg/m<sup>2</sup> (1 kg/m<sup>2</sup>/each layer) as sprinkling under foundation; 3-4 kg/m<sup>2</sup>

## PACKAGING AND STORAGE

### 25 kg Craft Bag

Shelf life when stored in its original packaging at +10°C /+30°C in dry, protected and ventilated environments, protected from sun, rain and frost, is 12 months from the date of manufacture

## SAFETY PRECAUTIONS

During application and mixing, contact of the material with the skin and eyes should be prevented, and in case of contact, it should be washed with plenty of water. In case of contact with eyes, they should be washed immediately with plenty of water and medical assistance should be obtained. Gloves, protective clothing / mask / goggles should be used during use.

## TECHNICAL DATA

Floor temperature to be applied	+5°C / +35°C
Service temperature	-20°C / +80°C
Adhesion to concrete	> 2 N/mm <sup>2</sup>
Processability time	20 minutes (20°C, 50% humidity)
Setting time (20°C)	6 hours first setting, 24-hour final setting
Capillary water absorption	≤ 0.1 kg.m <sup>2</sup> .hours/0,5
Mixture density	1,95 ±0,1 kg/L
Water mixture ratio	31-35%

The above values are given at +20°C and for 50% relative humidity.  
High temperatures shorten the time, low temperatures prolong the time.









# PRIMERS & ADDITIVES





# EBUPOX P257

TWO COMPONENT, EPOXY BASED, FILLED PRIMER

H.S:390730000000

## DESCRIPTION

EBUPOX P257 is a two-component, epoxy-based, low-viscosity, solvent-free, mineral filled primer.

## USAGE AREAS

- Indoors and outdoors,
- On concrete and cement-based mineral surfaces,
- As a primer layer in epoxy floor coating applications,
- As a primer layer before the application of polyurethane and polyurea waterproofing materials,
- Bonding of epoxy based leveling mortars and mortar coatings,
- When mixed with aggregate, it can be used as filler and repair mortar.

## CHARACTERISTICS

- It has low viscosity & It is easy to apply.
- It has high adhesion strength.
- Since it does not contain solvent, it can be used indoors and outdoors.
- It is easy to apply and penetrates the surfaces perfectly.
- Due to its filling, it fills the bird's eye and micro cracks and pores on the surfaces to be applied.
- After taking its cure, it forms a waterproof, abrasion and break resistant film.
- The resulting film is resistant and impermeable to bases, acids, diluted salt solutions, grease and petroleum products.

## APPLICATION METHOD

### Surface Preparation

- The concrete surfaces should be dry, clean, and dust-free.
- Remove any damaged or loose parts.
- Compressive strength should be at least 25 N/mm<sup>2</sup> and tensile strength (pull-off) test should be at least 1.5 N/mm<sup>2</sup>.
- New concrete should be at least 28 days old with maximum 4% moisture content. Repair any large breaks or defects.
- Clean and roughen the surface, removing any cement shell or shiny screed.
- Ensure the entire surface is dust-free. Concrete in contact with soil should be previously insulated.

### Mixing

- EBUPOX P257 is a two-component product supplied in ready-to-use sets.
- Prepare the product at the specified mixing ratio, considering the mixture life and ensuring the product temperature is above 15°C.
- Quickly mix Component A with a mechanical mixer, then add the hardener Component B according to the mixture ratio.
- Mix Components A and B for 1-2 minutes until a homogeneous mixture is obtained, avoiding unmixed material on the packaging edges and base.
- Use a mixer at approximately 300 rpm with a suitable mixing tip.

### Application

- Apply the prepared mixture to the surface using a roller or airless spray, ensuring saturation and closure of the pores.
- The new layer can be applied within 4 to 24 hours (at 20°C) on top of the previous layer. If the new layer exceeds 24 hours, sand the surface of the primer before application. It is crucial to apply the second coat within the specified timeframe.
- The product achieves full mechanical and chemical strength in approximately 7 days.

## Application Conditions

- Ensure that the relative humidity of the air does not exceed 90%.
- The application temperature, both in the environment and on the surface, should be within the range of +5°C to +30°C. Avoid applying the product in outdoor areas if there has been rain 24 hours before, during, or within 24 hours after the application.

## CONSUMPTION

400 - 700 gr/m<sup>2</sup> (Changes according the surface porosity & permeability).

## PACKAGING AND STORAGE

**25 kg Tin (Set: Component A: 20 kg + Component B: 5 kg).**

It should be stored in its original unopened packaging in a cool and dry environment, protected from frost. Suitable storage temperature should be between +5 and +25 °C. Shelf life is 12 months from the date of manufacture under appropriate storage conditions.

## SAFETY PRECAUTIONS

Gloves, protective clothing, masks/goggles should be used during the application and contact of the product with eyes, mouth and skin should be prevented. In case of contact with skin, it should be washed with plenty of water, and in case of contact with eyes and swallowing, a doctor should be consulted.

## TECHNICAL DATA

Density (g/cm <sup>3</sup> )	Component A 1.50 - Component B: 1.03 - Mixture: 1.4
Container Life	30 min
Hardness Shore A	90 ± 5
Adhesion Strength (N/mm <sup>2</sup> )	≥ 1,5
Waiting time between coats	4-24 hours
Application temperature	+5°C / +30°C

The above values are given at +20°C and for 50% relative humidity. High temperatures shorten the time, low temperatures prolong the time.





# EBUPOX P260

EPOXY BASED - PURE - SOLVENT FREE PRIMER

H.S:390730000000



## DESCRIPTION

EBUPOX P260 is a pure epoxy-based, two-component, low-viscosity primer used in epoxy systems.

## USAGE AREAS

- Indoors and outdoors,
- On concrete and cement-based mineral surfaces,
- As a primer layer in epoxy floor coating applications,
- As a primer layer before the application of polyurethane and polyurea waterproofing materials,
- Bonding of epoxy based leveling mortars and mortar coatings,
- To protect concrete surfaces against wear and dust.

## CHARACTERISTICS

- Their mechanical strength is high.
- It does not shrink. (non-shrink)
- It does not contain solvent.
- It can be used indoors and outdoors.
- It has high and structural bonding power.
- It provides impermeability in the structure it is applied.
- It is resistant to chemicals such as petroleum, oil, acid and alkali.
- It can be applied to surfaces such as concrete, wood, steel, stone.

## APPLICATION METHOD

### Surface Preparation

- Concrete surfaces must be dry, clean, and free from dust.
- Remove any damaged or loose concrete parts.
- The surface should have a minimum compressive strength of 25 N/mm<sup>2</sup> and a minimum tensile strength (pull-off) test result of 1.5 N/mm<sup>2</sup>.
- New concrete should be at least 28 days old and dry.
- Repair any large breaks or defects beforehand. Remove the cement shell and shiny screed on the surface using tools like sandblasting or grinding to roughen the surface.
- Ensure the entire surface is dust-free.
- Prior to coating, concrete surfaces in contact with the soil should be insulated with water and water vapor breakers.

### Mixing

- EBUPOX P260 has two components. (A+B) Component B is added to component A and mixed with the mixer for 4-5 minutes.
- The pot life of the mixed material is around 30 minutes. As the ambient temperature rises, the pot life decreases.



## Application

- It is applied to the surface by roller, brush or spray.
- The amount can be increased according to the absorbency of the surface.
- It should be waited for 3-4 hours between layers.
- Epoxy coatings should be applied within 5-15 hours.

## CONSUMPTION

400 - 700 gr/m<sup>2</sup>

## PACKAGING AND STORAGE

**21 kg Tin (Set: Component A: 15 kg + Component B: 6 kg).** It should be stored in its original unopened packaging in a cool and dry environment, protected from frost. Suitable storage temperature should be between +5 and +25 °C. Shelf life is 12 months from the date of manufacture under appropriate storage conditions.

## SAFETY PRECAUTIONS

Gloves, protective clothing, masks/goggles should be used during mixing and application, and contact of the product with eyes, mouth and skin should be prevented. In case of contact with skin, it should be washed with plenty of water, and in case of contact with eyes and swallowing, a doctor should be consulted.



## TECHNICAL DATA

Specific gravity	~ 1.10 kg / lt
Working time	~ 30 minutes
Adhesion strength	2,2 N/mm <sup>2</sup>
Shore A hardness	90 ± 5
Application temperature	+10°C / +30°C
'Tack free' drying	24 hours (+20°C)
Final drying	7 days (+25°C)

The above values are given at +20°C and for 50% relative humidity. High temperatures shorten the time, low temperatures prolong the time.





# EBUPOX P400

EPOXY BASED, HUMIDITY TOLERANT, SOLVENT FREE PRIMER

H.S:390730000000

## DESCRIPTION

EBUPOX P400 is an epoxy resin based, two component, low viscosity, solvent-free primer material that can easily adhere to even moist concrete and mineral surfaces.

## USAGE AREAS

- Indoors and outdoors, On damp surfaces,
- On concrete and cement-based mineral surfaces,
- As a primer layer in epoxy floor coating applications,
- As a primer layer before the application of polyurethane and polyurea waterproofing materials,
- Bonding of epoxy based leveling mortars and mortar coatings,
- When mixed with aggregate, it can be used as filler and repair mortar.

## CHARACTERISTICS

- It can easily adhere even to damp surfaces.
- It does not contain solvent and can be used indoors safely.
- Thanks to its low viscosity structure, it has excellent penetration feature.
- It has high chemical resistance.
- It is easy to apply

## APPLICATION METHOD

### Surface Preparation

- Before floor covering, the surface must be free from rust, oil, grease and dust.
- The area to be applied should be scraped and made ready for coating.

### Mixing

- Component A is slowly mixed with an epoxy resin stirrer, then component B is slowly added to component A and stirred at low speed for 3-4 minutes until a homogeneous mixture is obtained.

### Application

- Apply the prepared primer mixture to the surface using a roller, trowel, or rake.
- It can also be used as mortar by mixing with a moisture-tolerant epoxy primer aggregate.
- Use the mixture within 30 minutes.
- The waiting time between layers is 6 to 12 hours, depending on the weather conditions.
- Final curing takes 7 days.
- After application, protect the surface from water contact for at least 1 day.

## CONSUMPTION

300 - 500 gr/m<sup>2</sup>

## PACKAGING AND STORAGE

17,5 kg Tin (Set: Component A: 12,5 kg + Component B: 5 kg)

It should be stored in its original unopened packaging in a cool and dry environment, protected from frost.

Suitable storage temperature should be between +10 and +25 °C. Shelf life is 12 months from the date of manufacture under appropriate storage conditions.

## SAFETY PRECAUTIONS

Contact of the product with the skin and eyes should be prevented, and in case of contact, it should be washed with plenty of water. If swallowed, drink a few glasses of water immediately and seek medical advice.

In case of contact with eyes, they should be washed immediately with plenty of water and medical assistance should be obtained. Gloves and protective goggles should be used during use.



## TECHNICAL DATA

Content	Epoxy
Density	1,00 - 1,10 (g/cm <sup>3</sup> , 23°C)
Adhesion strength	> 2,2 N/mm <sup>2</sup>
Mixture Duration	30 (min., 23°C, 200 g)
Shore A Hardness	90 ± 5
Top Coat Application Time	4 - 24 hours
Full Curing	7 days

The above values are given at +20°C and for 50% relative humidity. High temperatures shorten the time, low temperatures prolong the time.



# EBUPOX P500

WATER-BASED EPOXY PRIMER

H.S:390730000000



## DESCRIPTION

It is a water-based epoxy primer with two-component, low viscosity, high abrasion and chemical resistance primer and coating material that can also be applied on moist concrete.

## USAGE AREAS

- Used as a primer layer on concrete, cement, or epoxy mortars prior to applying epoxy, polyurethane, or polyurea top coatings on floors subjected to medium and heavy loads.
- Applied as a transition layer to ensure adhesion between newly applied floor coverings and old, overdue floor coverings before new applications.
- Serves as a coating material in various industries including pharmaceutical, food, automotive, beverage, kitchens, hospitals, and all production and storage areas.

## CHARACTERISTICS

- It is water-based.
- It fills the pores on the concrete and similar surfaces where it is applied.
- It is an easy to use, robust and hard primer or coating material after curing.
- It is resistant to water and chemical materials.
- It provides excellent adherence by preparing the ground for the polyurethane materials to be applied on it.
- It can be applied in high humidity environments.

## APPLICATION METHOD

### Surface Preparation

- The surface to be applied is cleaned from dust, rust, oil and dirt with a vacuum cleaner.
- The free particles on the surface should be completely cleaned.
- Cracks must be repaired. Joints have to be repaired.
- Defects on the surface should be repaired before application.

### Mixing

- This two-component product should be prepared according to the specified mixture rate and the desired amount, considering its shelf life. To achieve a homogeneous mixture, ensure that the product temperature is above 15°C.
- Mix Component A with a mechanical mixer and add the hardener (Component B), following the recommended mixture ratio.
- Thoroughly mix Components A and B with a mechanical stirrer for at least 2 minutes.
- The mixture should be used within 30 minutes of preparation.

### Application

- The mixture, which is made ready for application, is applied in a way that the pores are closed by saturating the surface with the roll.
- The application time of the new layer on top of the layer should be at least 4 hours (20°C) and at most 48 hours.
- It is very important to apply the second coat within the above-mentioned new coat application period.
- It reaches a complete mechanical and chemical strength in about 7 days

## CONSUMPTION

As primer: 300 - 500 gr/m<sup>2</sup>  
As coating material: 500 - 600 gr/m<sup>2</sup>

## PACKAGING AND STORAGE

**15 kg Tin (Set: Component A: 10 kg + Component B: 5 kg)**

In its original packaging, when stored in ventilated, dry and protected environments at +5°C / +25°C, protected from sun, rain and frost, its shelf life is 1 year from the date of manufacture. Opened packages should be used within a maximum of one week if they are tightly sealed again.

## SAFETY PRECAUTIONS

Gloves, protective clothing, masks/goggles should be used during the application and contact of the product with eyes, mouth and skin should be prevented. In case of contact with skin, it should be washed with plenty of water, and in case of contact with eyes and swallowing, a doctor should be consulted

## TECHNICAL DATA

Component	A+B (epoxy+hardener)
Mixing Ratio	15+5 kg
Solid matter ratio	51%
Hardness	> 95 SHORE A
Application temperature	15 - 35°C
Specific Gravity	1,05 gr/cm <sup>3</sup> at 20°C (±0,01)
Availability Period	30 Minutes (at 20°C, 50% RH)
Touch Dryness	6 Hours
Pedestrian Traffic	12 Hours
Final Curing	7 days
Adhesion Strength to Concrete	2,4 - 2,6 N/mm <sup>2</sup>

The above values are given at +20°C and for 50% relative humidity. High temperatures shorten the time, low temperatures prolong the time.



PRIMERS & ADDITIVES

ebuchem  
CONSTRUCTION CHEMICALS





# EBUPOL P340

POLYURETHANE BASED ONE COMPONENT  
CONCRETE PRIMER

H.S:390950100000

## DESCRIPTION

EBUPOL P340 is a one component concrete primer that can be used on absorbent concrete and cement-based surfaces, used in polyurethane-based joint fillers, waterproofing materials, before floor coverings.

## USAGE AREAS

- Indoors and outdoors,
- On terraces, roofs and balconies,
- In the priming of polyurethane-based joint filler mastics,
- Before the application of polyurethane waterproofing materials,
- Before polyurethane floor coating materials

## CHARACTERISTICS

- It is cured with air moisture.
- It has a semi-rigid-elastic structure.
- It can be applied to absorbent surfaces such as concrete.
- It has high adhesion feature.
- Since it has one component, it is easy to apply.
- It penetrates deeply on absorbent surfaces.
- It can be used on horizontal and vertical surfaces

## APPLICATION METHOD

### Surface Preparation

- Before application, clean the surface from substances like cement particles, dust, oil, paint, curing, and bitumen.
- For joint filler, clean with a wire brush and compressed air if possible.
- Roughen the surface slightly with a mosaic wiping machine in waterproofing applications and repair any pits, gaps, and cracks.
- In floor coating applications, roughen the surface with a grinding machine and repair any imperfections.
- If using polyurethane-based pastes for repairs, wait 24 hours before application.

### Application

The material can be applied using a brush, roller, or airless gun. The drying and curing time is influenced by temperature, with low temperatures delaying it and high temperatures accelerating it.

- **For joint filling material priming:**  
Apply the primer to the joint edges using a brush. The joint filler should be applied within 3 hours when the primer is semi-adhesive and can be pressed with a finger (tack free). After applying the primer, protect the surface from dust and moisture until the joint filler material is applied.
- **For priming waterproofing materials:**  
Apply the insulation material within 3-4 hours at the latest after applying the primer to the roughened and clean surface.
- **For priming floor coverings:**  
Apply the primer to a clean and dry surface. The polyurethane floor coating should be applied within 2-3 hours when the primer is semi-adhesive and can be pressed with a finger (tack free).

## Application Conditions

- It should be ensured that the concrete is at least 28 days old when applied to concrete surfaces.
- Before application, the surface should never be washed with water, the surface should be dry, the moisture rate should not be above 5%.

## CONSUMPTION

It varies according to the absorbency rate of the surface. Approx. 200 - 300 gr/m<sup>2</sup>

## PACKAGING AND STORAGE

### 5 kg and 15 kg Tins.

In its original packaging, when stored in ventilated, dry and protected environments at +5°C / +25°C, protected from sun, rain and frost, its shelf life is 1 year from the date of manufacture. Since the material contains solvent, it should be kept away from fire.

## SAFETY PRECAUTIONS

Gloves, protective clothing, masks/goggles should be used during the application and contact of the product with eyes, mouth and skin should be prevented. In case of contact with skin, it should be washed with plenty of water, and in case of contact with eyes and swallowing, a doctor should be consulted. Since the material contains organic solvents, the indoor areas should be ventilated during the application, smoking should not be allowed and the material should be kept away from the fire

## TECHNICAL DATA

Density	1.00 ± 0.02 kg / lt
Material structure	Polyurethane, transparent liquid
Hardness (Shore A)	70-80
Adhesion to concrete	2 ± 0.02 N / mm <sup>2</sup>
Application temperature	+5°C / +45°C
'Tack free' drying	1-3 hours (each layer)
Final drying	2-4 days
Solvent	Contains organic solvents

The above values are given at +20°C and for 50% relative humidity. High temperatures shorten the time, low temperatures prolong the time.



# EBUPOL P345

POLYURETHANE BASED ONE COMPONENT  
PRIMER (Glossy Surface)

H.S:390950100000



## DESCRIPTION

EBUPOL P345 is a one component Tile primer that can be used on aglossy surfaces, used in polyurethane-based joint fillers, waterproofing materials, before floor coverings.

## USAGE AREAS

- Indoors and outdoors,
- On terraces, roofs and balconies, n aglossy surfaces.
- In the priming of polyurethane-based joint filler mastics,
- Before the application of polyurethane waterproofing materials.

## CHARACTERISTICS

- It is cured with air moisture.
- It has a semi-rigid-elastic structure.
- It can be applied on glassy surfaces such as Tile and marble.
- It has high adhesion feature.
- Since it has one component, it is easy to apply.
- It penetrates deeply on absorbent surfaces.
- It can be used on horizontal and vertical surfaces

## APPLICATION METHOD

### Surface Preparation

- Before application, clean the surface from substances like cement particles, dust, oil, paint, curing, and bitumen.
- Roughen the surface slightly with a mosaic wiping machine in waterproofing applications and repair any pits, gaps, and cracks.

### Application

The material can be applied using a brush, roller, or airless gun. The drying and curing time is influenced by temperature, with low temperatures delaying it and high temperatures accelerating it.

- **For joint filling material priming:**  
Apply the primer to the joint edges using a brush. The joint filler should be applied within 3 hours when the primer is semi-adhesive and can be pressed with a finger (tack free). After applying the primer, protect the surface from dust and moisture until the joint filler material is applied.
- **For priming waterproofing materials:**  
Apply the waterproofing material within 3-4 hours at the latest after applying the primer to the roughened and clean surface.
- **For priming floor coverings:**  
Apply the primer to a clean and dry surface. The polyurethane floor coating should be applied within 2-3 hours when the primer is semi-adhesive and can be pressed with a finger (tack free).

## Application Conditions

- It should be ensured that the concrete is at least 28 days old when applied to concrete surfaces.
- Before application, the surface should never be washed with water, the surface should be dry, the moisture rate should not be above 5%.

## CONSUMPTION

It varies according to the absorbency rate of the surface. Approx. 200 - 300 gr/m<sup>2</sup>

## PACKAGING AND STORAGE

### 5 kg and 15 kg tins

In its original packaging, when stored in ventilated, dry and protected environments at +5°C / +25°C, protected from sun, rain and frost, its shelf life is 1 year from the date of manufacture. Since the material contains solvent, it should be kept away from fire.

## SAFETY PRECAUTIONS

Gloves, protective clothing, masks/goggles should be used during the application and contact of the product with eyes, mouth and skin should be prevented. In case of contact with skin, it should be washed with plenty of water, and in case of contact with eyes and swallowing, a doctor should be consulted. Since the material contains organic solvents, the indoor areas should be ventilated during the application, smoking should not be allowed and the material should be kept away from the fire

## TECHNICAL DATA

Density	1.00 ± 0.02 kg / lt
Material structure	Polyurethane, transparent liquid
Hardness (Shore A)	70-80
Adhesion to concrete	2 ± 0.02 N / mm <sup>2</sup>
Application temperature	+5°C / +45°C
'Tack free' drying	1-3 hours (each layer)
Final drying	2-4 days
Solvent	Contains organic solvents

The above values are given at +20°C and for 50% relative humidity. High temperatures shorten the time, low temperatures prolong the time.





# EBUPOL P400

POLYURETHANE-BASED, MOISTURE-TOLERANT  
PRIMER

H.S:390950100000

## DESCRIPTION

EBUPOL P400 is a two component, filled polyurethane based primer that increases the adhesion of coatings and waterproofing materials to be made on non-absorbent flat and moist surfaces.

## USAGE AREAS

- As a primer before waterproofing materials based on polyurethane,
- On all non-absorbent concrete surfaces.

## CHARACTERISTICS

- It has a semi-rigid, elastic structure.
- It has high adhesion feature.
- It has two components.
- It is UV resistant.
- Applicable on damp surfaces. (Maximum 8%)

## APPLICATION METHOD

### Surface Preparation

- Substances such as cement particles, dust, oil, paint, etc. on the surface should be cleaned before application.
- Before application, the surface should never be washed with water, the surface should be dry, the moisture rate should not be above 8%.

### Mixing

- EBUPOL P400 has two components.
- Component B is added to component A and mixed with the mixer for 4-5 minutes.
- The pot life of the mixed material is around 30 minutes.
- As the ambient temperature rises, the pot life decreases.

### Application

- The material is applied to the surface with a clean brush or roller.
- Coating material should be applied from the primer within 4-6 hours.



## CONSUMPTION

400 - 600 gr/m<sup>2</sup>

## PACKAGING AND STORAGE

### 20 kg Tin (set).

Component A: 15 kg (Solvent-Grey)

Component B: 5 kg (Solvent Free - Transparent)

In its original packaging, when stored in ventilated, dry and protected environments at +5°C / +25°C, protected from sun, rain and frost, its shelf life is 1 year from the date of manufacture.

Since the material contains solvent, it should be kept away from fire.

## SAFETY PRECAUTIONS

Gloves, protective clothing, masks/goggles should be used during the application and contact of the product with eyes, mouth and skin should be prevented. In case of contact with skin, it should be washed with plenty of water, and in case of contact with eyes and swallowing, a doctor should be consulted. Since the material contains organic solvents, the indoor areas should be ventilated during the application, smoking should not be allowed and the material should be kept away from the fire.

## TECHNICAL DATA

Application temperature	+5°C / +30°C
Mixture density	1,2 gr/cm <sup>3</sup>
Hardness Shore A	90 ± 5
Color	Transparent Grey
Application surface max. humidity	8%
Tack free' drying	1-3 hours
Solvent	Contains organic solvents

The above values are given at +20°C and for 50% relative humidity. High temperatures shorten the time, low temperatures prolong the time.





# EBURIME P245

ACRYLIC EMULSION BASED PRIMER (For ACRYLIC ISOLATION MATERIAL)

H.S:320890910029



## DESCRIPTION

EBURIME P245 acrylic copolymer is a multi-purpose primer based on emulsion, transparent, which can be used on the inside and outside of structures and before acrylic based waterproofing coatings.

## USAGE AREAS

- EBURIME P245 acrylic copolymer is a multi-purpose primer based on emulsion, transparent, which can be used on the inside and outside of structures and before acrylic based waterproofing coatings.

## CHARACTERISTICS

- It penetrates the surface very well.
- By preparing a solid floor, it binds the top coat paint to the surface, reduces the paint consumption.
- It is a primer with very high adhesion performance

## APPLICATION METHOD

### Surface Preparation

- Before application, swollen, loose and spilled surfaces should be scraped, oil and dirt should be wiped with water and cleaned.
- Uneven surfaces should be corrected in advance with repair mortars.

### Application

- Before using EBURIME P245 it is mixed thoroughly until it is homogeneous, brushed or rolled, and applied as a single layer. Paint or insulation product application should be started after waiting minimum 4 hours drying time of primer.

### Application Conditions

- The applied surface should be protected from all external factors such as rain, water, mechanical impacts etc. for at least 24 hours during and after the application.
- It should not be applied in very windy and direct sunlight.
- It should be applied as a single layer by being fed well on the surface and a minimum of 4 hours should be allowed to dry before the other application.



## CONSUMPTION

100 - 200 gr/m<sup>2</sup>

## PACKAGING AND STORAGE

10 kg plastic bucket.

12 months in its original, unopened packaging in a cool and dry environment.

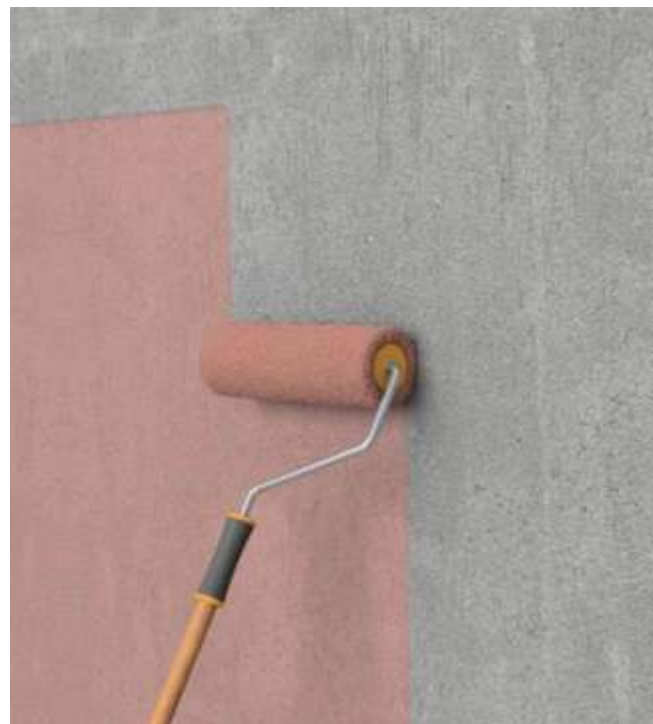
## SAFETY PRECAUTIONS

During application and mixing, contact of the material with the skin and eyes should be prevented, and in case of contact, it should be washed with plenty of water. If swallowed, drink a few glasses of water immediately and seek medical advice. In case of contact with eyes, they should be washed immediately with plenty of water and medical assistance should be obtained. Gloves, protective clothing / mask / goggles should be used during use.

## TECHNICAL DATA

Density (25°C, g/mL)	1.00 ± 0.10
pH (25°C)	8.0 - 9.0
Touch drying time (20°C)	2 hours
Full Drying time (20°C)	72 hours
Application temperature	5°C / 30°C

The above values are given at +20°C and for 50% relative humidity. High temperatures shorten the time, low temperatures prolong the time.





# EBUPRIME P300

EXPOSED CONCRETE PRIMER

H.S:320890910029

## DESCRIPTION

EBUPRIME P300 is a polymer modified, resin-based primer that provides good adhesion of gypsum or cement-based plasters to exposed concrete, walls and ceilings.

## USAGE AREAS

- In ceilings and vertical surfaces in interior spaces,
- In order to ensure better adhesion of gypsum, lime and cement based plasters to concrete surfaces,

## CHARACTERISTICS

- It is easy to apply.
- It increases the working time and workability of gypsum and cement based plasters.
- It prevents rapid water loss of gypsum and cement based plasters.
- It is odorless and does not contain solvent.

## APPLICATION METHOD

### Surface Preparation

- The surface should be free from complete dust, oil, curing agent, paint and other free particles and care should be taken to ensure that the surface is dry.

### Mixing

- 3-5 liters of water are added to the inside of the 12 kg EBUPRIME P300 bucket.
- It is mixed with a mixer at 400-600 rpm for 3-5 minutes.
- The material should be mixed from time to time during application.

### Application

- The mixed material is applied to the surface with a textured roll.
- After 24 hours, gypsum or cement-based plasters can be applied.

### Application Conditions

- EBUPRIME P300 is not suitable for high humidity environments such as pools and baths, coarse plasters & external surfaces.
- Primed surface should be prevented



## CONSUMPTION

According to the absorbency of the surface; EBUPRIME P300 consumption; 200-350 gr/m<sup>2</sup>

## PACKAGING AND STORAGE

### 12 kg Plastic bucket.

In its original packaging, when stored in ventilated, dry and protected environments at +5°C / +25°C, protected from sun, rain and frost, its shelf life is 1 year from the date of manufacture

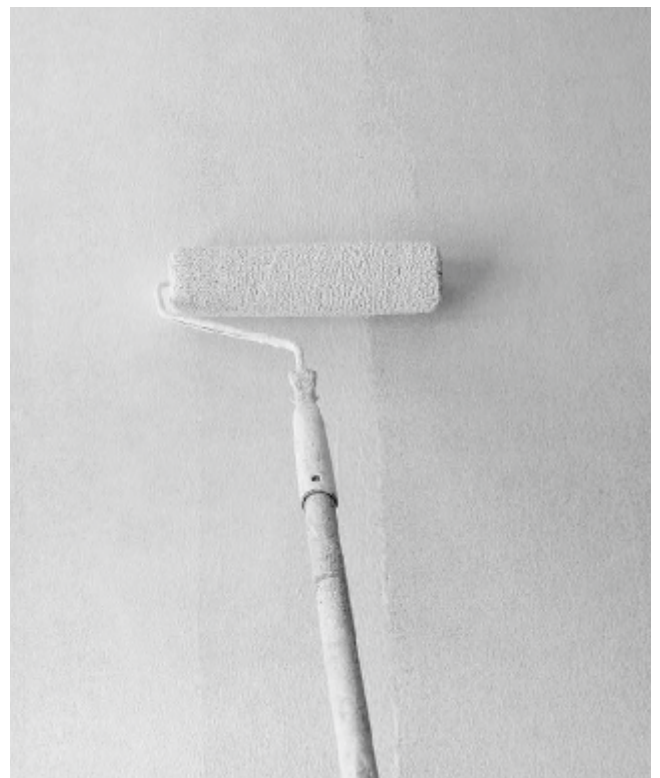
## SAFETY PRECAUTIONS

Gloves, protective clothing, masks/goggles should be used during mixing and application, and contact of the product with eyes, mouth and skin should be prevented. In case of contact with skin, it should be washed with plenty of water, and in case of contact with eyes and swallowing, a doctor should be consulted.

## TECHNICAL DATA

Density (25°C, g/mL)	1.30 ± 0.02
Material structure	Modified polymer-resin
Solvent	Free
Application temperature	+5°C / +30°C
Service temperature	-20°C / +80°C
Drying time	1-2 hours
Application thickness	0,15 - 0,30 mm

The above values are given at +20°C and for 50% relative humidity.  
High temperatures shorten the time, low temperatures prolong the time.



# EBUPRIME P400

ADHERENCE ENHANCING CONCRETE PRIMER

H.S:320890910029



## DESCRIPTION

It is acrylic based, one-component, ready to use primer for dusty and absorbent surfaces.

## USAGE AREAS

- In reducing the water absorbency of concrete, gas concrete, briquette, plaster, screed, wood, plaster etc. or before the application of coating material, ceramic adhesive, water-proofing products, leveling screed and self-spreading screed.
- Suitable for indoor and outdoor use on horizontal and vertical surfaces

## CHARACTERISTICS

- It gives excellent results on surfaces that require high adherence.
- It prevents dusting by penetrating on the surface with impregnation feature.
- Reduces surface absorbency and makes the surface ready for application.
- Contributes to the formation of a dust-free surface.
- Ready to use, easy and quick to apply.  
Solvent-free, eco friendly

## APPLICATION METHOD

### Surface Preparation

- The surface should be dry, clean, sound and free of dust, oil, dirt or adhesion preventive materials should be cleaned from the surface and materials such as mortar and cement residues should be scraped.
- EBUPRIME P400 should be shaken before application and applied homogeneously to the surface with a brush or roller.

### Application

- Before using EBUPRIME P400, it is mixed thoroughly until it is homogeneous, brushed or rolled, and applied as a single layer.
- Paint or insulation product application should be started after waiting minimum 4 hours drying time of primer.

### Application Conditions

- The applied surface should be protected from all external factors such as rain, water, mechanical impacts etc. for at least 24 hours during and after the application.
- It should not be applied in very windy and direct sunlight.
- It should be applied as a single layer by being fed well on the surface and a minimum of 4 hours should be allowed to dry before the other application.



## CONSUMPTION

100 - 200 gr/m<sup>2</sup> for one coat

## PACKAGING AND STORAGE

### 10 Kg Plastic drum.

12 months in its original, unopened packaging in a cool and dry environment.

## SAFETY PRECAUTIONS

During application and mixing, contact of the material with the skin and eyes should be prevented, and in case of contact, it should be washed with plenty of water. If swallowed, drink a few glasses of water immediately and seek medical advice. In case of contact with eyes, they should be washed immediately with plenty of water and medical assistance should be obtained. Gloves, protective clothing / mask / goggles should be used during use.

## TECHNICAL DATA

Appearance	Opaque liquid
Shelf Life	12 months in unopened package in dry environment
Chemical Structure	Polymer emulsion based primer
Density	1,00 ± 0,1 gr/cm <sup>3</sup>
PH	8-9
Pot Life	Max. 1 hour
Waiting Time Between Coats	Min. 1 hour
Waiting Time far Top Coat	Min. 2 hour
Processing Depth	2,5mm
Capillary Water Absorption	< 0,1 kg/m <sup>2</sup> Jl.1.5
Reaction to Fire	E

The above values are given at +20°C and for 50% relative humidity.  
High temperatures shorten the time, low temperatures prolong the time.







# EBUPRIME P500

TILE ON TILE PRIMER

H.S:320890910029

## DESCRIPTION

EBUPRIME P500 is an acrylic polymer dispersion-based primer material that increases the adhesion of coatings to be applied on flat, shiny and glassy surfaces.

## USAGE AREAS

- In vertical and horizontal applications.
- Indoors and outdoors.
- On cement based plaster and screed surfaces.
- On glass surfaces for adherence like ceramics.
- As a primer before the applications to be made on parquet, wood and vinyl tiles

## CHARACTERISTICS

- It has high adherence.
- Since it has one component, it is easy to apply.
- It does not contain solvent. It can be used with security, especially indoors.
- It balances the absorbency of the surface.
- It is resistant to moisture.

## APPLICATION METHOD

### Surface Preparation

- Substances such as cement particles, dust, oil, paint, etc.
- On the surface should be cleaned before application.
- The surface must be dry during application.
- Defects and pits on the surface should be covered and leveled with appropriate repair mortars.

### Mixing

- The material should be mixed with the drill for 1-2 minutes before application.
- Water should never be added to the material.

### Application

- The material is applied to the surface with a roller or brush.



## CONSUMPTION

It varies according to the absorbency rate of the surface.  
200-400 gr/m<sup>2</sup>

## PACKAGING AND STORAGE

### 5 kg Plastic Bucket

In its original packaging, when stored in ventilated, dry and protected environments at +5°C / +25°C, protected from sun, rain and frost, its shelf life is 1 year from the date of manufacture. Opened packages should be used within a maximum of one week if they are tightly sealed again.

## SAFETY PRECAUTIONS

Gloves, protective clothing, masks/goggles should be used during the application and contact of the product with eyes, mouth and skin should be prevented. In case of contact with skin, it should be washed with plenty of water, and in case of contact with eyes and swallowing, a doctor should be consulted.

## TECHNICAL DATA

Material structure	Acrylic dispersion
Color	Green
Density	1.29 kg/lit ±0.02
Application temperature	+5°C / +35°C
Service temperature	-30°C / +80°C
Drying time	3-5 hours
Solvent	Free

The above values are given at +20°C and for 50% relative humidity.  
High temperatures shorten the time, low temperatures prolong the time.



# EBUFIX LATEX

ADHERENCE INCREASING & IMPERMEABLE ADDITIVE

H.S:320890910029



## DESCRIPTION

EBUFIX LATEX is a synthetic rubber-latex based mortar additive that prevents cracking for cement-based plaster and repair mortars, increases the chemical resistance and strength of the mortars, provides impermeability and high adherence to the surface where it is applied and creates a strong and permanent bond.

## USAGE AREAS

- Adherence additive in repair mortars for damaged concrete surfaces and plasters
- Contribution to water impermeability and adherence in plaster mortars for internal and external plasters
- Abrasion-resistant additive in coating mortars for laying natural stone and brick
- Adherence enhancer in ceramic and mosaic adhesive mortars
- Adhesive between old and fresh concrete to prevent cold joint formation and ensure adhesion
- Bond reinforcing additive in shotcrete for bonding, adherence, and insulation between old and new layers.

## CHARACTERISTICS

- EBUFIX LATEX liquid material increases the mechanical strength (pressure, bending, impact, wear) of mixed mortar. It
- reduces shrinkage and prevents cracks.
- It enhances impermeability and flexibility.
- It improves resistance to freeze-thaw cycles.
- It remains unaffected by high alkali environments.
- It is non-corrosive, chlorine-free, and does not harm reinforcements.
- It ensures adherence of mortar to various surfaces such as concrete, glass, metal, wood, and foam.
- It enhances the durability of the structure against chemicals and external factors.
- It provides insulation and adherence between layers in shotcrete applications.

## APPLICATION METHOD

### Application

**To increase adherence of old concrete to new concrete or as a sprinkling before plastering:**

- Mix 1 kg of cement with 3 kg of sand.
- Mix 1 kg of EBUFIX LATEX with 2 kg of water.
- Combine the powder and liquid mixtures to achieve a dense consistency.
- Apply the prepared mixture with a brush on the surface that was wetted 12 hours ago, forming a 2 mm thickness.
- Plaster, screed, or concrete can be applied within 20 minutes before the mortar dries.
- For sprinkling before plastering, quickly sprinkle the prepared mortar on the concrete surface using a trowel.

**To increase water impermeability in plaster:**

- Prepare a dry mixture by adding 150 kg of sand to 50 kg of cement.
- Pour 30 kg of EBUFIX LATEX into a clean container.
- Add 120 kg of water and mix thoroughly to achieve a homogeneous mixture.
- The ratio of EBUFIX LATEX to water can range from 1:1 to 1:4.
- Mix the prepared dry mortar with the liquid mixture.
- Start applying the mixture using a trowel.

## CONSUMPTION

0.100 - 0.250 kg / m<sup>2</sup> in brush, roller applications  
0.150 - 0.250 kg / m<sup>2</sup> in spraying applications (When applied directly to the surface)

## PACKAGING AND STORAGE

5-10-20-30 kg Plastic Drums.

In its original packaging, in dry, protected and ventilated environments at +10°C / +30°C, when stored protected from sun, rain and frost, its shelf life is 12 months from the date of production.

## SAFETY PRECAUTIONS

During application and mixing, contact of the material with the skin and eyes should be prevented, and in case of contact, it should be washed with plenty of water.

In case of contact with eyes, they should be washed immediately with plenty of water and medical assistance should be obtained. Gloves, protective clothing / mask / goggles should be used during use.





# EBUPRIME AC

ANTICORROSION PRIMER

H.S:390730000000

## DESCRIPTION

EBUPRIME AC is a one component, polymer modified, thixotropic special cement and anti-corrosion chemicals containing silica smoked primer providing adherence between old and fresh concrete, protecting iron reinforcement in reinforced concrete against corrosion.

## USAGE AREAS

In the protection of steel reinforcements against corrosion, It is used as a primer before repair mortar applications.

## CHARACTERISTICS

- It is easy to apply with a brush.
- It provides protection against corrosion.
- It protects the equipment from dampness.
- High adhesion strength to concrete, mortar and steel.
- It can also be applied by spraying system.
- It is impermeable.
- It is resistant to the effects of chlorine, water, sulfate and carbon dioxide.
- It has high mechanical strength.
- It does not contain solvent.

## APPLICATION METHOD

### Surface Preparation

Materials such as rust, grease, oil, paint, concrete particles on the irons are cleaned with a sandblasting system or a metallic brush. Concrete around the iron reinforcement to be applied is opened, damaged concrete is scraped and cleaned.

### Concrete Surfaces

The concrete surface is cleaned from substances such as oil, paint and dust by sand spraying method if necessary. Care should be taken that the concrete surface is not affected by carbonation.

The concrete surface is slightly moistened.

### Mixing

First, the required amount of water is placed in a bucket. The powdered material is added by slowly mixing with a low speed drill. It is stirred for an average of 2-4 minutes until a homogeneous mixture and slurry are obtained. It is rested for 2-3 minutes, mixed again and started to be applied.

### Application

Reinforcement coating,  
Immediately after the rust of the iron to be coated is cleaned, EBUPRIME AC is applied 2 times with a medium hard brush. The second layer is applied 3-5 hours after the first layer. Each layer makes an average thickness of 1mm. After EBUPRIME AC application, the bars must be covered with cement or epoxy based mortars. Cement-based mortars should be applied

## CONSUMPTION

Variable

## PACKAGING AND STORAGE

### 20 kg Kraft Bag

Shelf life when stored in its original packaging at +10°C /+30°C in dry, protected and ventilated environments, protected from sun, rain and frost, is 12 months from the date of manufacture.

## SAFETY PRECAUTIONS

During application and mixing, contact of the material with the skin and eyes should be prevented, and in case of contact, it should be washed with plenty of water. In case of contact with eyes, they should be washed immediately with plenty of water and medical assistance should be obtained. Gloves, protective clothing / mask / goggles should be used during use.

## TECHNICAL DATA

Material structure Cement-based powder  
Color Grey  
Mixture density 2.00 kg/liter  
Application temperature +5°C / +35°C  
Service temperature -30°C / +80°C  
Working time 60 (+20°C)  
Application thickness 1 mm ( each layer)  
Compressive Strength > 30 N / mm<sup>2</sup> ( 28 days)  
Adhesion strength > 1,5 N/mm<sup>2</sup> concrete, > 1 N/mm<sup>2</sup> steel  
Initial curing 1-2 hours (+20°C)  
Consumption 1.5 kg / 1 liter of mortar / (1mm)

The above values are given at +20°C and for 50% relative humidity. High temperatures shorten the time, low temperatures prolong the time.









# EBUFIX LUB 10

WOOD & PLYWOOD MOLD OIL

H.S:320890910029

## DESCRIPTION

EBUFIX LUB10 is a special mixture obtained from distilled water with a mixture of high quality mineral oil and emulsifiers. It is used to facilitate the separation of the molds from the concrete on all kinds of absorbent mold surfaces, to ensure that the molds are easily and quickly removed and cleaned, and to obtain a smooth concrete surface.

## USAGE AREAS

It is used on all kinds of absorbent mold surfaces, especially wooden molds. When applied to plywood and wooden molds, it allows easy and fast removal of the mold and makes it easier to clean the mold.

## CHARACTERISTICS

It provides easy disassembly of the formwork and obtains smooth-surface concrete. It facilitates placing the concrete in the mold and removing air bubbles, and facilitates the cleaning of the mold. It increases the efficiency and life of the mold in which it is used, significantly reducing the cost of molding and workmanship in structures. It does not pose an adherence problem, so it eliminates the use of paint and preplaster primer on concrete surfaces.

## APPLICATION METHOD

### Surface Preparation

The moulds must be clean before using the EBUFIX LUB10. The application is performed homogeneously on the mold surface in a single layer with a brush, roller or spray. In order to achieve the best performance, it should be ensured that the product forms a thin film layer. Excessive oil on the surface should be removed with sponge, cloth, etc. as excessive use of oil may cause staining in the concrete. Newly applied formwork surfaces should be protected from rain before concrete pouring.

## CONSUMPTION

Depending on the condition, surface, type and separation method of the mold, 25-30 m<sup>2</sup> surface is covered with 1 lt.



## PACKAGING AND STORAGE

20 kg canisters,  
The shelf life is 24 months in its original, unopened packaging in a cool and dry environment.

## SAFETY PRECAUTIONS

Contact of the product with the skin and eyes should be prevented, and in case of contact, it should be washed with plenty of water. If swallowed, drink a few glasses of water immediately and seek medical advice. In case of contact with eyes, they should be washed immediately with plenty of water and medical assistance should be obtained. Gloves and protective goggles should be used during use.

## TECHNICAL DATA

Color Milk white  
Content Mineral oil-based emulsion  
Density 0,90 - 0,95 gr/cm<sup>3</sup> (20°C)  
pH 6-8  
Ignition Point Non-flammable

The above values are given at +20°C and for 50% relative humidity. High temperatures shorten the time, low temperatures prolong the time.





# EBUFIX LUB 20

MINERAL BASED STEEL MOLD OIL

H.S:320890910029



## DESCRIPTION

EBUFIX LUB20 is a special blend prepared with high-quality mineral oils and chemicals. It is used to facilitate the separation of steel molds from concrete, to ensure that the molds are easily and quickly disassembled and cleaned, and to obtain a smooth concrete surface.

## USAGE AREAS

On all kinds of non-absorbent surfaces,  
In steel molds,  
In plastic molds.

## CHARACTERISTICS

It provides easy disassembly of the formwork and obtains smooth-surface concrete.  
It facilitates placing the concrete in the mold and removing air bubbles and facilitates the cleaning of the mold.  
It increases the efficiency and life of the mold in which it is used, significantly reducing the cost of molding and workmanship in structures.  
It does not pose an adherence problem, so it eliminates the use of paint and pre-plaster primer on concrete surfaces.

## APPLICATION METHOD

### Surface Preparation

The moulds must be clean before using the mould oil.  
The application is performed homogeneously on the mold surface in a single layer with a brush, roller or spray.  
In order to achieve the best performance, it should be ensured that the product forms a thin film layer.  
Excessive oil on the surface should be removed with sponge, cloth, etc. as excessive use of oil may cause staining in the concrete.  
Newly applied formwork surfaces should be protected from rain before concrete pouring.

## CONSUMPTION

Depending on the condition, surface, type and separation method of the mold, 25-30 m<sup>2</sup> surface is covered with 1 lt.



## PACKAGING AND STORAGE

30 lt canister.  
Shelf life is 1 year when stored in its original packaging at +5°C / +25°C in dry, protected and ventilated environments, protected from direct sunlight and frost. If no water is added, it is not affected by frost.

## SAFETY PRECAUTIONS

Contact of the product with the skin and eyes should be prevented, and in case of contact, it should be washed with plenty of water. If swallowed, drink a few glasses of water immediately and seek medical advice. In case of contact with eyes, they should be washed immediately with plenty of water and medical assistance should be obtained. Gloves and protective goggles should be used during use.

## TECHNICAL DATA

Material structure Mineral oil-based liquid  
Color Transparent dark yellow  
Density 0,85 - 0,90 gr/cm<sup>3</sup> (20°C)  
pH 6-8  
Ignition Point 95°C

The above values are given at +20°C and for 50% relative humidity.  
High temperatures shorten the time, low temperatures prolong the time.



PRIMERS & ADDITIVES

ebuchem  
CONSTRUCTION CHEMICALS





# EBUFIX CURE

CURING AGENT

H.S:320890910029

## DESCRIPTION

EBUFIX CURE is a water-based, acrylic resin-based curing liquid used to cure concrete immediately after all fresh concrete applications.

## USAGE AREAS

On all vertical and horizontal concrete surfaces, Indoors and outdoors, In columns, airport and field concretes, In concrete road applications, industrial floors, Reinforced concrete floors, car parks, warehouse floors, In concrete with light colored surface hardener, It is used in cases where the curing agent should not constitute an obstacle for future applications on the concrete surface.

## CHARACTERISTICS

The strength of a concrete cured with EBUFIX CURE increases by 20 - 25% compared to normal concrete. It prevents cracks that may occur during curing in concrete. It reduces dusting on the concrete surface. Since it is water-based, it is not flammable and easy to use. Since the curing material is impregnated into the concrete, it does not leave a layer on the surface and does not constitute an obstacle for subsequent coatings. In future applications on concrete, the surface does not need to be purified from the curing agent. It is ready to use and easy to apply.

## APPLICATION METHOD

### Surface Preparation

It is not necessary to perform any operation on the concrete surface before EBUFIX CURE is applied.

### Application

The application is made immediately after the removal of the molds, before the formation of the joints after the concrete surface water evaporates, when the concrete surface is set so that it will not deteriorate after the application of fresh concrete and surface hardener.

In brush or roller applications, the concrete must set sufficiently in order not to damage the concrete surface.

In spraying applications, the material is sprayed in a thin layer of equal thickness to the surface.

Care should be taken to avoid pond formation.

The material should be well mixed before use.

After curing, the drying time of the material is 1-2 hours at a temperature of 20°C.

In future applications on cured concrete, the concrete surface does not need to be purified from the curing material.

## CONSUMPTION

Depending on the absorbency of the concrete surface and the ambient temperature;  
0.150 - 0.250 kg/m<sup>2</sup>

## PACKAGING AND STORAGE

30 kg canister, 200 kg barrel, 1000 kg IBC. Shelf life is 1 year when stored in its original packaging at +5°C / +25°C in dry, protected and ventilated environments, protected from direct sunlight and frost.

## SAFETY PRECAUTIONS

Contact of the material with the skin and eyes should be prevented, and in case of contact, it should be washed with plenty of water. If swallowed, drink a few glasses of water immediately and seek medical advice. In case of contact with eyes, they should be washed immediately with plenty of water and medical assistance should be obtained. Gloves, protective masks and goggles should be used during use.

## TECHNICAL DATA

Material structure Water-based, Acrylic resin  
Appearance White liquid  
Post-application appearance Transparent  
Density 1.00 ± 0.03 kg / liter  
Solvent Free  
Drying time (20°C) 1-2 hours

The above values are given at +20°C and for 50% relative humidity. High temperatures shorten the time, low temperatures prolong the time.













# COATINGS





# EBUPOX C455

EPOXY BASED TOPCOAT PAINT

H.S:390730000000

## DESCRIPTION

EBUPOX C455 is a two component epoxy paint designed for industrial floors, with smooth surface finish, easy to apply, non-slip surface can be obtained as a top coat.

## USAGE AREAS

- On concrete and cement based surfaces,
- In warehouses, production areas, shopping malls
- As a top coat paint material in car parks.

## CHARACTERISTICS

- It has high mechanical strength.
- It is liquid impermeable in certain proportions.
- Glossy surface finish.
- Easy to apply & clean.
- It can be produced in the desired RAL color.

## APPLICATION METHOD

### Surface Preparation

- Clean and remove substances such as oil, wax, grease, and water repellents from the surface using a dust floor milling machine or by lifting off any loose parts.  
The new concrete should be at least 28 days old.
- Repair cracks and damaged areas with suitable products like EBUPOX C455
- Prior to application, prime the surface with epoxy-based primers suitable for the purpose.
- Before the primer layer, roughen the surface using appropriate mechanical methods.

### Mixing

- Component A and component B are provided in separate packages with predetermined mixture ratios.
- Component B is fully emptied into component A and mixed together.
- The mixing should be done with a mixer at a speed of 300 rpm. It is a two-component product and should be prepared at the specified mixture rate according to the amount needed, considering the mixture's lifespan.
- To ensure a homogeneous mixture, the product temperature should not be lower than 15°C.
- Component A should be mixed with a mechanical stirrer, and the hardener (component B) should be added, adhering to the mixture ratio.
- Components A and B should be mixed with a mechanical mixer for a minimum of 3 minutes until a homogeneous consistency is achieved.
- After preparation, the mixture should be allowed to rest for 20 minutes before application on the surface.

### Application

- If the product is to be used directly on the floor as a coating material, appropriate epoxy based primers should be used before application.
- There is no need to apply primer again if it is applied on epoxy topcoat. It is applied in two layers and the second coat should be applied within 24 hours.

## Application Conditions

- After application, protect the surface from external factors for a minimum of 24 hours. Allow controlled and light pedestrian traffic after 2 days and vehicle traffic after 7 days.
- Ensure the relative humidity of the air is below 80% and ground humidity is below 2%. Maintain an application temperature between +10°C and +30°C.
- Note that the product is not suitable for open-space applications.

## CONSUMPTION

0,250 – 0,500 kg/m<sup>2</sup>

## PACKAGING AND STORAGE

21 kg Tin (set: Component A: 18 kg + Component B: 3 kg).

Shelf life when stored in its original packaging at +10°C /+30°C in dry, protected and ventilated environments, protected from sun, rain and frost, is 12 months from the date of manufacture.

## SAFETY PRECAUTIONS

During application and mixing, contact of the material with the skin and eyes should be prevented, and in case of contact, it should be washed with plenty of water. In case of contact with eyes, they should be washed immediately with plenty of water and medical assistance should be obtained. Gloves, protective clothing / mask / goggles should be used during use.

## TECHNICAL DATA

Density (gr/ cm <sup>3</sup> )	1,25
Container life at 25°C (minutes)	20
Initial Curing	24 hours
Final Curing	7 days

The above values are given at +20°C and for 50% relative humidity. High temperatures shorten the time, low temperatures prolong the time.



# EBUPOX C456

EPOXY BASED, THIXOTROPIC, ORANGE PEEL COATING

H.S:390730000000



## DESCRIPTION

EBUPOX C456 is a two component, orange peel patterned, thixotropic finish floor coating designed for industrial floors.

## USAGE AREAS

- On concrete and cement based surfaces.
- In warehouses, production areas, hangars, exhibition and fair areas.
- It is used as a topcoat material with orange peel surface appearance in parking lots.

## CHARACTERISTICS

- It has high mechanical strength.
- It has high abrasion resistance.
- Glossy surface finish.
- Easy to apply & clean.
- Non-slip surface can be obtained.

## APPLICATION METHOD

### Surface Preparation

- Remove oil, wax, grease, and water repellents that may weaken adhesion using a dust floor milling machine and remove any loose particles.
- Ensure that the new concrete is at least 28 days old. Repair cracks and damaged areas with suitable products like EBUPOX C456
- Before application, prime the surface with epoxy-based primers.
- Prior to the primer layer, mechanically roughen the surface appropriately.

### Mixing

- Combine Component A and Component B, following the predetermined mixture ratios.
- Pour Component B into Component A and mix with a mechanical mixer for at least 3 minutes until a homogeneous mixture is obtained.
- The mixing process should be done at a speed of 300 rpm using a mixer.
- Allow the prepared mixture to sit for 20 minutes before applying it to the surface.

### Application

- The mixture made ready for application is discharged to the surface and spread with the help of trowel. Using a roller, combing is performed in both directions and the finishing texture is given.
- It is recommended to wear spiked shoes to prevent the application surface from deteriorating during application.



## CONSUMPTION

0,600 - 0,800 kg/m<sup>2</sup>

## PACKAGING AND STORAGE

20 kg TIn (Set: Component A: 12 kg + Component B: 8 kg).

Shelf life when stored in its original packaging at +10°C /+30°C in dry, protected and ventilated environments, protected from sun, rain and frost, is 6 months from the date of manufacture.

## SAFETY PRECAUTIONS

During application and mixing, contact of the material with the skin and eyes should be prevented, and in case of contact, it should be washed with plenty of water. In case of contact with eyes, they should be washed immediately with plenty of water and medical assistance should be obtained. Gloves, protective clothing / mask / goggles should be used during use.

## TECHNICAL DATA

Density (gr/ cm <sup>3</sup> )	1,90
Viscosity	Thixotropic
Abrasion Resistance (mg, 7 days old)	40-45
Compressive Strength (N/ mm <sup>2</sup> )	>85
Bending Strength (N/ mm <sup>2</sup> )	>34
Adhesion to concrete (N/ mm <sup>2</sup> )	>4
Container life at 25 °C (minutes)	20
Initial Curing	24 hours
Final Curing	7 days

The above values are given at +20°C and for 50% relative humidity. High temperatures shorten the time, low temperatures prolong the time.



COATINGS

ebuchem  
CONSTRUCTION CHEMICALS





# EBUPOX C800

WATER-BASED EPOXY COATING

H.S:390730000000

## DESCRIPTION

It is a water-based coating with two-component, low viscosity, high abrasion and chemical resistance primer and coating material that can also be applied on moist concrete.

## USAGE AREAS

- As a coating layer on concrete, cement or epoxy mortars after applying epoxy, polyurethane or polyurea top coatings on floors exposed to medium and heavy loads,
- As a coating material in pharmaceutical, food, automotive, beverage industry, kitchens, hospitals, all production and storage areas.

## CHARACTERISTICS

- It is water-based.
- It fills the pores on the concrete and similar surfaces where it is applied.
- It is an easy to use coating material after curing.
- It is resistant to water and chemical materials.
- It provides excellent adherence by preparing the ground for the polyurethane materials to be applied on it.

## APPLICATION METHOD

### Surface Preparation

- The surface to be applied is cleaned from dust, rust, oil and dirt with a vacuum cleaner.
- The free particles on the surface should be completely cleaned.
- Cracks must be repaired.
- Joints have to be repaired.
- Defects on the surface should be repaired before application.

### Mixing

- This two-component product should be prepared at the specified mixture rate, considering the mixture life and the amount to be consumed.
- To ensure a homogeneous mixture, it is important to maintain a product temperature of at least 15°C.
- Quickly mix Component A with a mechanical mixer, and carefully add the hardener (Component B), adhering to the specified mixture ratio.
- Mix Components A and B together using a mechanical stirrer for a minimum of 2 minutes.
- The prepared mixture should be used within 30 minutes of preparation to maintain its effectiveness.

### Application

- The mixture, which is made ready for application, is applied in a way that the pores are closed by saturating the surface with the roll.
- The application time of the new layer on top of the layer should be at least 4 hours (20°C) and at most 48 hours.
- It is very important to apply the second coat within the above-mentioned new coat application period.
- It reaches a complete mechanical and chemical strength in about 7 days.

## CONSUMPTION

As coating material:  
500 - 600 gr /m<sup>2</sup>

## PACKAGING AND STORAGE

**12.5 kg Tin (Set: Component A: 10 kg + Component B: 2.5 kg).**

In its original packaging, when stored in ventilated, dry and protected environments at +5°C / +25°C, protected from sun, rain and frost, its shelf life is 1 year from the date of manufacture. Opened packages should be used within a maximum of one week if they are tightly sealed again.

## SAFETY PRECAUTIONS

Gloves, protective clothing, masks/goggles should be used during the application and contact of the product with eyes, mouth and skin should be prevented. In case of contact with skin, it should be washed with plenty of water, and in case of contact with eyes and swallowing, a doctor should be consulted.

## TECHNICAL DATA

Component	A+B (epoxy + hardener)
Mixing Ratio	10+2.5 kg
Solid matter ratio	51%
Hardness	> 95 SHORE A
Application temperature	15 - 35°C
Specific Gravity	1,05 gr/cm <sup>3</sup> at 20°C (±0,01)
Availability Period	30 Minutes (at 20°C, 50% RH)
Touch Dryness	6 Hours
Pedestrian Traffic	12 Hours
Final Curing	7 days
Adhesion Strength to Concrete	2,4 - 2,6 N/mm <sup>2</sup>

The above values are given at +20°C and for 50% relative humidity. High temperatures shorten the time, low temperatures prolong the time.









# EBUPOL 2CUV

ALIPHATIC POLYURETHANE BASED, TWO COMPONENT,  
UV RESISTANT PAINT

H.S:390950100000

## DESCRIPTION

EBUPOL 2CUV is a polyurethane-based, UV-resistant liquid topcoat. It creates a durable, elastic film that adheres to various surfaces.

With excellent mechanical and chemical properties, it offers high strength, tear resistance, and abrasion resistance. The film allows breathability, prevents moisture buildup, and bridges shrinkage cracks.

## USAGE AREAS

- On concrete roofs & bridge platforms,
- On balconies and terraces
- In light roofs made of metal and fibrous materials,
- As the last coat of epoxy floor coverings,
- On surfaces such as ceramic tiles, natural stone tiles, etc.
- On the protection of polyurethane foam insulation
- As a topcoat over the waterproofing materials used.

## CHARACTERISTICS

- It does not fade or turn yellow when exposed to sunlight
- It is UV resistant & elastic.
- It can be produced in different colors.
- It is resistant to continuous water contact.
- It has high abrasion and chemical resistance.
- It provides excellent adherence to non-absorbent surfaces.
- It has low viscosity.

## APPLICATION METHOD

### Surface Preparation

- Coating surfaces to be applied must be free from dust, dirt, oil and other materials that will prevent adhesion.
- When applied directly to the surface, the surface must be primed with EBUPOX P260 before application.

### Material Preparation

- Component B should be mixed for 2-3 minutes with a suitable mixer at a speed of 300 rpm after being completely emptied into component A.

### Application

- EBUPOL 2CUV is applied by spraying method or by brush or roller. The surface should not come into direct contact with water for at least 24 hours after application.
- There is no need to use primer when applied on waterproofing materials.
- Second coat should be applied after 6 to 24 hours drying time.

### Application Conditions

- In cases where the ground temperature is below +5°C and above +35°C, the material should not be applied. Packages are designed for single use.
- When it is opened, it must be consumed completely within the specified periods.
- The material should be protected from rain, frost and direct sunlight within the first 24 hours after application. (+20°C)
- The application surface should not be wet or damp. It should not be used as waterproofing material alone

## CONSUMPTION

0,300 - 0,400 kg/m<sup>2</sup>  
(For 2 coats of application)

## PACKAGING AND STORAGE

**20 kg Tin (Set: Component A: 16 kg + Component B: 4 kg).**  
Shelf life when stored in its original packaging at +10°C /+30°C in dry, protected and ventilated environments, protected from sun, rain and frost, is 12 months from the date of manufacture.

## SAFETY PRECAUTIONS

During application and mixing, contact of the material with the skin and eyes should be prevented, and in case of contact, it should be washed with plenty of water. In case of contact with eyes, they should be washed immediately with plenty of water and medical assistance should be obtained. Gloves, protective clothing / mask / goggles should be used during use.

## TECHNICAL DATA

Material structure	Aliphatic Polyurethane Liquid
Color	Intended
Density	0,95 gr/cm <sup>3</sup> (20 °C and 50% R.H.)
Shore D hardness	60
Viscosity	100-200 cP
Elongation	> 200%
Application temperature	+ 5°C / + 35°C
Adhesion to concrete	> 2 N / mm <sup>2</sup>
Breaking Strength	> 20 N / mm <sup>2</sup>
Service temperature	- 40°C / + 80°C
First drying	4-6 hours
Final drying	5 days

The above values are given at +20°C and for 50% relative humidity. High temperatures shorten the time, low temperatures prolong the time.





# EBUPOL 1CUV

POLYURETHANE BASED, ONE COMPONENT, LIQUID,  
ALIPHATIC LAST COATING

H.S:390950100000



## DESCRIPTION

EBUPOL 1CUV is a one component, ready-to-use, liquid-applied, quality-enhancing, solvent-based, aliphatic polyurethane waterproofing coating that curing with air humidity. It has high UV resistance.

## USAGE AREAS

- It is used for the protection of the following surfaces for waterproofing,
- As a polyurethane or polyurea waterproofing protective topcoat material,
- With a suitable primer on metal surfaces such as iron, steel and aluminum,
- It should be applied with suitable primer on building materials like concrete, stone, wood, marble etc.

## CHARACTERISTICS

- Suitable for cold application and can be easily applied with a roller, trowel, brush or airless spray gun.
- Maintains its flexible structure continuously,
- Can be applied without attachment.
- High resistance against UV and frost.
- It maintains physical properties at - 30°C / + 90°C.
- Water vapor permeable and allows the surfaces to breathe.
- Excellent adherence properties.
- Exhibits effective resistance against chemicals.
- Does not contain toxic substances after it has been cured.
- White, Blue, Grey &RAL Colors

## APPLICATION METHOD

### Surface Preparation

- The surfaces to be applied should be dry and clean.
- Concrete and plaster residues mechanically: oil, grease, fuel and paraffin wastes should be cleaned using chemical solvents.
- Damaged coatings, uneven surfaces and cracks should be repaired with appropriate products.
- After the repair, the surface should be primed with EBUPOL P340
- Concrete substrate conditions (standard): Hardness: R28 = 15MPa.
- Temperature: 5-35 °C. Relative humidity: <85 %.

### Application

- Before applying the product, mix with a suitable mixer at a speed of 300 RPM for 2-3 minutes.
- EBUPOL 1CUV is applied with trowel, airless spraying machines or brush or roller.

### Application Conditions

- The packages kept at room temperature for 24 hours are opened and mixed until homogenous consistency.
- Mixing should be done with low speed mixer and appropriate mixer tip.
- EBUPOL 1CUV spreads homogeneously by making consumption control on the primed surfaces with the help of thin comb trowel, short-hair roller brush or airless spray gun.
- It should be kept in mind that the waiting time in hot weather may be shortened and may be extended in cold weather.

## CONSUMPTION

0,200 - 0,300 kg/m<sup>2</sup> (as single layer)  
Consumption can be changed depending on surface roughness, ambient and surface temperature and application method.

## PACKAGING AND STORAGE

### 10 & 20 Kg Tins.

Store in a dry and cool environment (between +15°C / + 25°C)  
It should be protected from water, frost, heat, ignition, direct sunlight and adverse weather conditions.  
Even opened packages are tightly closed, the inside of the product will be curing quickly so that the opened cans should be consumed in short time.

## SAFETY PRECAUTIONS

Contact of the product with the skin and eyes should be prevented, and in case of contact, it should be washed with plenty of water. If swallowed, drink a few glasses of water immediately and seek medical advice. In case of contact with eyes, they should be washed immediately with plenty of water and medical assistance should be obtained. Gloves and protective goggles should be used during use.

## TECHNICAL DATA

Viscosity	1000-3000 cP
Density	1.25 ± 0,05 gr/cm <sup>3</sup>
Solids Content by Weight	85-90%
Walkable on Time	8-12 Hour
Recoat Time	8-12 Hour
Hardness (7 days)	65-70 Shore A
Tensile Strength (7 days)	> 3 N/mm <sup>2</sup>
Elongation at Break	> 300 %
Adhesion to Concrete	> 2 N/mm <sup>2</sup>
Flash point	> 30 °C
UV Accelerated Weathering Test	Passed (1000 hours)
Volatile Organic Compound (VOC)	100-130 g/L
Shelf life	12 month

The above values are given at +20°C and for 50% relative humidity.  
High temperatures shorten the time, low temperatures prolong the time.





# EBUFIX 1CLP

ROAD, LINE & FLOOR PAINT

H.S:390950100000

## DESCRIPTION

EBUFIX 1CLP is a solvent based floor paint that is used for acrylic, floor and pavement markings, has high abrasion resistance and can be produced in different colors.

## USAGE AREAS

- Marking of road lines,
- On asphalt surfaces,
- In the painting of paving stones,
- In parking lot markings,
- On concrete surfaces,
- On old painted surfaces

## CHARACTERISTICS

- It has high adhesion strength.
- It dries quickly.
- It is UV resistant.
- It is resistant to friction.
- It doesn't change color.

## APPLICATION METHOD

### Surface Preparation

- Before applying EBUFIX 1CLP ensure the surface is clean and free from dust, dirt, and debris, and it must be completely dry. For painting paving stones, address any broken or missing parts before application.
- When marking road lines, avoid applying on loose ground or heavily worn aggregate surfaces whenever possible.

### Application

- If EBUFIX 1CLP is to be used on concrete surfaces, the concrete must have been poured at least 1 month before the application, the surface must be roughened by notching and the application must be done with airless spraying.

### Application on old painted surfaces

- It is strongly recommended to do some testing for applications on the old painted surface (water-based road marking paint, etc.).

## WARNING

- It should not be used on bright concrete whose surface has been smoothed with a helicopter trowel and on surfaces that have epoxy coating before.



## Application Conditions

- Glossy surfaces must be roughened before application. For ideal surface performance, glass spherules should be added to the product and the application should be done with airless systems.
- During the application and until the complete drying of the products is completed, it should be ensured that the ambient and surface temperature is between +5°C and +30°C.

## CONSUMPTION

It may vary depending on the absorbency rate of the surface. 300-0,600 kg/m<sup>2</sup>

## PACKAGING AND STORAGE

### 5-10-20 kg tins

In its original packaging, when stored in ventilated, dry and protected environments at +10°C/+30°C, protected from sun, rain and frost, its shelf life is 1 year from the date of manufacture.

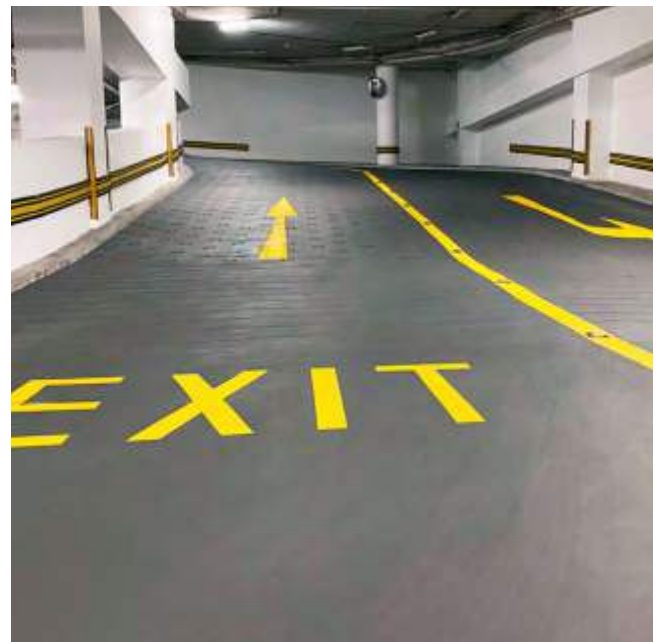
## SAFETY PRECAUTIONS

Gloves, protective clothing, masks/goggles should be used during mixing and application, and contact of the product with eyes, mouth and skin should be prevented. In case of contact with skin, it should be washed with plenty of water, and in case of contact with eyes and swallowing, a doctor should be consulted.

## TECHNICAL DATA

Form	In liquid form
Color	In the desired color
Smell	Characteristic
Solvent ratio	Organic solvent : 18.0% , Solid matter ratio: 48.3%

The above values are given at +20°C and for 50% relative humidity. High temperatures shorten the time, low temperatures prolong the time.





# EBUFIX 1CWR

WATER-BASED, TRANSPARENT WATER REPELLENT  
MATERIAL FOR FACADES

H.S:390950100000



## DESCRIPTION

EBUFIX 1CWR is a one component, water-based silane/siloxane emulsion, a transparent protective coating and water repellent that penetrates well into the applied surface.

## USAGE AREAS

- Exterior facades,
- Surfaces such as concrete, natural stone, brick, mortar,
- It can be used in mineral-based structures such as roads, bridges, building exterior walls.

## CHARACTERISTICS

- It provides waterproofing.
- It penetrates very well into the structure it is applied to.
- It does not form a film layer on the surface.
- It does not change the appearance of the structure it is applied to.
- It is resistant to U.V. rays & alkalies.
- It increases the resistance of the structure it is applied to against chlorine and sulfates.
- It is vapor permeable, does not prevent the surface from breathing.
- It is compatible with coatings such as paint to be applied on it.
- It is water-based and environmentally friendly.

## APPLICATION METHOD

### Surface Preparation

- The surface to be applied should be free from dust, oil, paint, curing and other substances that are not related to the structure and prevent penetration with detergent, steam, compressed air or brush.
- Cracks larger than 0,200 mm on the surface should be repaired.
- During application, the surface may be dry or slightly damp, but there should be no wet stains.
- The best result is achieved by application on dry and highly absorbent surfaces.

### Application

- EBUFIX 1CWR is ready to use material.
- It can be applied by brush, roller or low pressure spray.
- It works better on dry and absorbent surfaces.
- It is applied 2 or 3 layers according to the absorption rate of the surface.
- A maximum of 3-5 hours should be waited between the layers.
- The applied surface should be protected against rain for 3 hours.
- It should be waited for 5 hours for paint application.



## CONSUMPTION

Depending on the absorbency of the surface;  
0,100 - 0,600 kg/m<sup>2</sup>

## PACKAGING AND STORAGE

5-20-30 kg Plastic Drum.

Shelf life when stored in its original packaging at +10°C /+30°C in dry, protected and ventilated environments, protected from sun, rain and frost, is 12 months from the date of manufacture.

## SAFETY PRECAUTIONS

During application and mixing, contact of the material with the skin and eyes should be prevented, and in case of contact, it should be washed with plenty of water. In case of contact with eyes, they should be washed immediately with plenty of water and medical assistance should be obtained. Gloves, protective clothing / mask / goggles should be used during use.

## TECHNICAL DATA

Material structure	Liquid water-based silane/siloxane emulsion
Color	Milk white
Density	1.00 ± 0.02 kg/m <sup>3</sup>
pH	8 ± 2

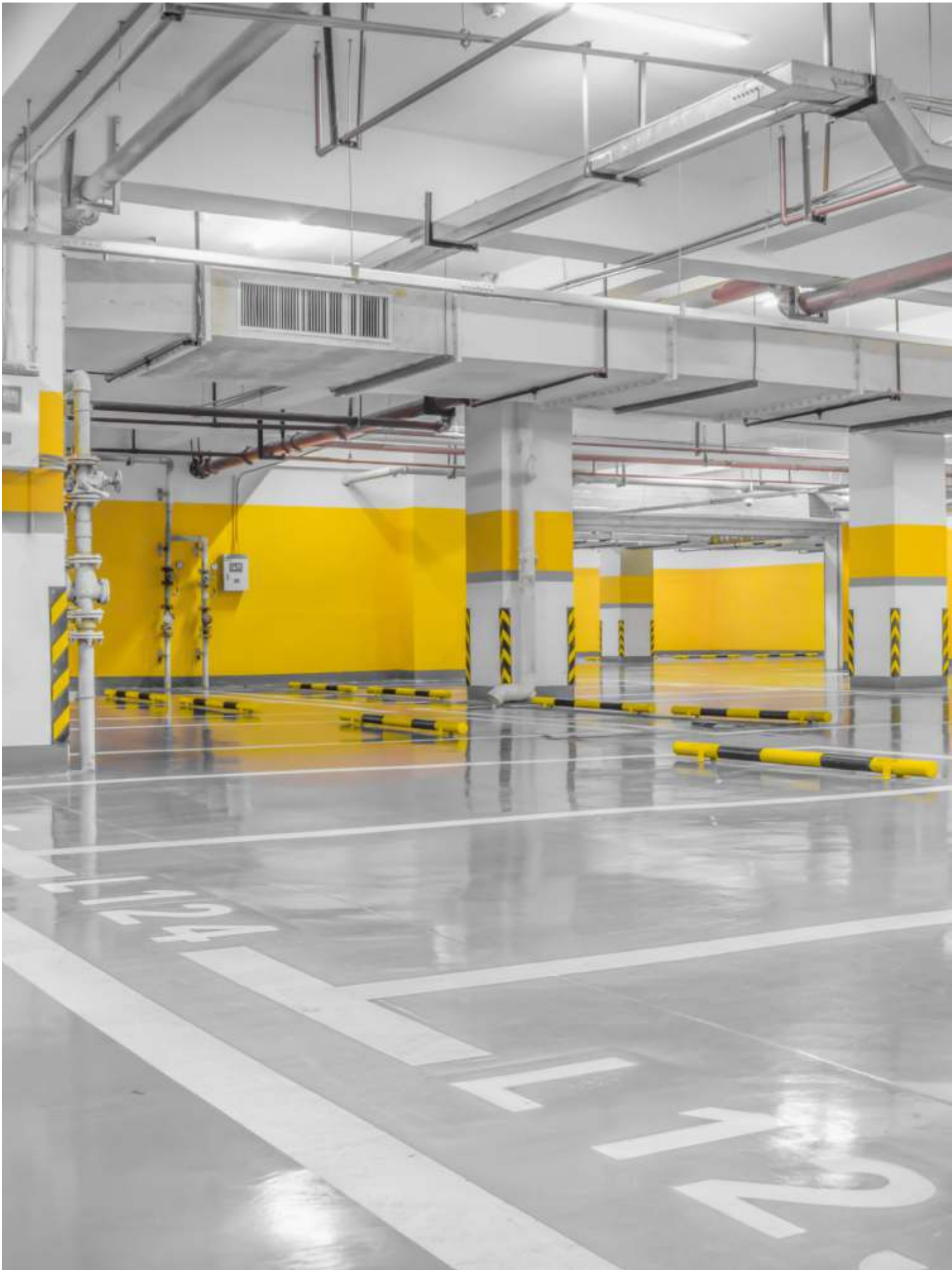
The above values are given at +20°C and for 50% relative humidity.  
High temperatures shorten the time, low temperatures prolong the time.



COATINGS

ebuchem  
CONSTRUCTION CHEMICALS







# FLOORING MATERIALS





# EBUSELF 110

SELF LEVELLING MATERIAL ( 1-10 mm)

H.S:382440000000

## DESCRIPTION

EBUSELF 110 is a self-levelling, single-component, polymer modified, cement-based ground leveling mortar used as leveling mortar on concrete floors not in the desired flatness, with a thickness of 1-10 mm at a time.

## USAGE AREAS

EBUSELF 110 is used in the leveling and removal of defects of rough and uneven concrete surfaces; in the precast concrete surface plane; in the surface plane before the application of flooring materials such as carpet, ceramic, marble, natural stone, parquet, vinyl, PVC.

## CHARACTERISTICS

- It spreads by itself.
- It can be pumped.
- No shrinkage or cracking occurs.
- Applicable to underfloor heating floors.
- It is used indoors and outdoors.
- It has fast hardening feature.
- It is resistant to frost.
- It can be opened to pedestrian traffic within 3-5 hours and to normal traffic within 24 hours.

## APPLICATION METHOD

### Surface Preparation

The surface to be applied should be cleaned and free of oil, paint, dust and free substances. Moisture from below the surface should be avoided. The concrete to be applied must be at least 14 days old and have structural strength to lift the load on it. Cracks on the concrete surface should be repaired with mortar and adherence. EBUFIXLATEX should be used to ensure that this repair mortar adheres very well to the surface. On under-heated surfaces, the heating system must have been activated 10 days in advance and the heating system must be switched off during application. The heating system can be operated after an average of 72 hours after application.

### Mixing

Each 25 kg of material is mixed with an average of 5,0 lt. of water. First, the required amount of water is placed in a clean container. The material is slowly added and mixed with the mixer until a homogeneous mixture is obtained. After resting for about 1 minute, it is mixed again for 3-5 seconds and applied. The resulting mixture should be applied within 10 minutes.

### Application Conditions

- The prepared mixture is spread on the surface and the desired thickness is obtained with a trowel or rubber broom.
- Seamless application is required to obtain a uniform and smooth surface coating.
- The air on the surface should be removed with a hedgehog roll.
- Precautions should be taken against high heat, direct sunlight and wind to prevent excessively fast drying of the newly applied screed during curing.
- 8 hours after the application, vapor permeable materials such as ceramic can be coated on the screed.

- For the coating of non-vapor permeable materials such as PVC coating, it should be waited for at least 3 days and should be done after the moisture rate is measured.
- Coating materials to be applied on EBUSELF 110 should be brought to the application area 3-5 days in advance and stored and their compliance with ambient conditions should be ensured.

## CONSUMPTION

1,8 - 2,0 kg /m<sup>2</sup> for 1 mm thickness

## PACKAGING AND STORAGE

### 25 kg Kraft Bag

In its original packaging, when stored in ventilated, dry and protected environments at +10°C/+30°C, protected from sun, rain and frost, its shelf life is 1 year from the date of manufacture. 12 months if stored in a cool and dry environment in upright position between 10°C and 30°C.

## SAFETY PRECAUTIONS

Gloves, protective clothing, masks/goggles should be used during mixing and application, and contact of the product with eyes, mouth and skin should be prevented. In case of contact with skin, it should be washed with plenty of water, and in case of contact with eyes and swallowing, a doctor should be consulted.

## TECHNICAL DATA

Water ratio to be added	20% (of powdered product)
Breaking strength	≥ 1 N / mm <sup>2</sup>
Application temperature	≥ 1 N / mm <sup>2</sup>
Working time	5 - 15 minutes
Setting start	1 hour (20°C)
Setting end	4 hours (20°C)
Pressure N / mm <sup>2</sup> (28 days)	4 hours (20°C)
Bending N / mm <sup>2</sup> (28 days)	7 N / mm <sup>2</sup>

The above values are given at +20°C and for 50% relative humidity. High temperatures shorten the time, low temperatures prolong the time.





# EBUSELF 520

SELF LEVELLING MATERIAL (5-20 mm)

H.S:382440000000



## DESCRIPTION

EBUSELF 520 is a self levelling, single component, polymer modified, cement based leveling mortar used on concrete floors not in the desired flatness, with a thickness of 5-20 mm.

## USAGE AREAS

EBUSELF 520 is used in the leveling and removal of defects of rough and uneven concrete surfaces; in the precast concrete surface plane; in the surface plane before the application of flooring materials such as carpet, ceramic, marble, natural stone, parquet, vinyl, PVC.

## CHARACTERISTICS

- It levels by itself.
- It can be pumped.
- No shrinkage or cracking occurs.
- Applicable to underfloor heating floors.
- It is used indoors and outdoors.
- It has fast hardening feature.
- It is resistant to frost.
- It can be opened to pedestrian traffic within 3-5 hours and to normal traffic within 24 hours.

## APPLICATION METHOD

### Surface Preparation

The surface to be applied should be cleaned and free of oil, paint, dust and free substances. Moisture from below the surface should be avoided. The concrete to be applied must be at least 14 days old and have structural strength to lift the load on it. Cracks on the concrete surface should be repaired with mortar and adherence enhancer EBUFIX LATEX should be used to ensure that this repair mortar adheres very well to the surface. On under-heated surfaces, the heating system must have been activated 10 days in advance and the heating system must be switched off during application. The heating system can be operated after an average of 72 hours after application.

### Mixing

Each 25 kg of material is mixed with an average of 5,0 lt. of water. First, the required amount of water is placed in a clean container. The material is slowly added and mixed with the mixer until a homogeneous mixture is obtained. After resting for about 1 minute, it is mixed again for 3-5 seconds and applied. The resulting mixture should be applied within 10 minutes.

### Application Conditions

The prepared mixture is spread on the surface and the desired thickness is obtained with a trowel or rubber broom. Seamless application is required to obtain a uniform and smooth surface coating. The air on the surface should be removed with a hedgehog roll. Precautions should be taken against high heat, direct sunlight and wind to prevent excessively fast drying of the newly applied screed during curing. 8 hours after the application, vapor permeable materials such as ceramic can be coated on the screed.

For the coating of non-vapor permeable materials such as PVC coating, it should be waited for at least 3 days and should be done after the moisture rate is measured.

Coating materials to be applied on EBUSELF 520 should be brought to the application area 3-5 days in advance and stored and their compliance with ambient conditions should be ensured.

## CONSUMPTION

1,9 kg / m<sup>2</sup> for 1 mm thickness

## PACKAGING AND STORAGE

### 25 kg Kraft Bag

In its original packaging, when stored in ventilated, dry and protected environments at +10°C/+30°C, protected from sun, rain and frost, its shelf life is 1 year from the date of manufacture.

## SAFETY PRECAUTIONS

Gloves, protective clothing, masks/goggles should be used during mixing and application, and contact of the product with eyes, mouth and skin should be prevented. In case of contact with skin, it should be washed with plenty of water, and in case of contact with eyes and swallowing, a doctor should be consulted.

## TECHNICAL DATA

Water ratio to be added	20% (of powdered product)
Breaking strength	≥ 1 N / mm <sup>2</sup>
Application temperature	+5°C / +35°C
Working time	5 - 15 minutes
Setting start	1 hour (20°C)
Setting end	4 hours (20°C)
Mechanical strengths	28 days
Pressure	N / mm <sup>2</sup> > 35
Bending	N / mm <sup>2</sup> > 7

The above values are given at +20°C and for 50% relative humidity. High temperatures shorten the time, low temperatures prolong the time.



FLOORING MATERIALS

ebuchem  
CONSTRUCTION MATERIALS



# EBUPOX SL 610

EPOXY BASED, SELF-LEVELLING MIDLEVEL FLOORING MATERIAL

H.S:390730000000

## DESCRIPTION

EBUPOX SL 610 is a two component, epoxy-based, self-levelling midlevel flooring material.

## USAGE AREAS

- On concrete and cement based surfaces,
- In warehouses,
- In industrial floors,
- In shopping malls,
- In the hangars,
- In exhibition and fair areas,
- In hospitals & laboratories as midlevel application.

## CHARACTERISTICS

- It can be applied smoothly to sandy or sandless surfaces due to its spontaneous levelling feature.
- Easy to apply.
- It can be produced in the desired RAL color.

## APPLICATION METHOD

### Surface Preparation

- Oil, wax, grease, water repellents that will weaken the adhesion forces on the surface should be cleaned and removed with free parts that can be easily lifted and dust floor milling machine.
- New concrete must be at least 28 days old.
- Repair cracks with EBUPOX R810.

### Mixing

- Component A and component B, packaged separately with predetermined ratios, are combined by fully discharging component B into component A and mixing them together using a mixer set at 300 rpm.
- The mixture should be prepared in the required quantity, considering its limited lifespan, as it is a two-component product.
- To ensure a uniform mixture, the product temperature must not drop below 15°C.
- Component A should be mixed independently with a mechanical mixer, and component B (hardener) should be added while maintaining the specified mixture ratio.
- Both components A and B should be mixed with a mechanical mixer for at least 3 minutes until they achieve homogeneity.
- The mixture should be consumed within a timeframe of 20 min.

### Application

- The mixture is applied on the surface and spread homogeneously with the adjusted jig or comb trowel.
- Use hedgehog roll to remove bubbles away from the material.
- It is recommended to wear spiked shoes to prevent the application surface from deteriorating during application.

### Application Conditions

- Surface protection is required for a minimum of 24 hours after application.
- Controlled and light pedestrian traffic can be allowed after 4 days, while vehicle traffic can be permitted after 7 days.

- The maximum allowable relative humidity is 80%, ground humidity should not exceed 2%, and the application temperature (both environment and surface) should range between +10°C and +30°C.
- The product is not recommended for outdoor use.
- For chemical strength values, please consult our technical unit

## CONSUMPTION

0,600 - 0,800 kg/m<sup>2</sup>  
Before epoxy self levelling last coat application

## PACKAGING AND STORAGE

**24 kg Tin (Set: Component A: 21 kg + Component B: 3 kg).**  
Shelf life when stored in its original packaging at +10°C /+30°C in dry, protected and ventilated environments, protected from sun, rain and frost, is 6 months from the date of manufacture.

## SAFETY PRECAUTIONS

During application and mixing, contact of the material with the skin and eyes should be prevented, and in case of contact, it should be washed with plenty of water. In case of contact with eyes, they should be washed immediately with plenty of water and medical assistance should be obtained. Gloves, protective clothing / mask / goggles should be used during use.

## TECHNICAL DATA

Density (gr/ cm <sup>3</sup> )	1,80
Viscosity	1500 mPa.s (+ 23°C)
Abrasion Resistance (mg, 7 days old)	40-45
Compressive Strength (N/ mm <sup>2</sup> )	> 40
Bending Strength (N/ mm <sup>2</sup> )	> 34
Adhesion to concrete (N/ mm <sup>2</sup> )	> 4
Container life at 25 °C (minutes)	20
Initial Curing	24 hours
Final Curing	7 days

The above values are given at +20°C and for 50% relative humidity. High temperatures shorten the time, low temperatures prolong the time.



# EBUPOX SL 600

EPOXY BASED, SELF-LEVELLING FLOORING MATERIAL

H.S:390730000000



## DESCRIPTION

EBUPOX SL 600 is a two component, epoxy-based, self-levelling floor system designed for industrial floors, with smooth surface finish, easy to clean.

## USAGE AREAS

- On concrete and cement based surfaces,
- In warehouses, In industrial areas,
- In shopping malls, In the hangars,
- In exhibition and fair areas,
- In hospitals & laboratories.

## CHARACTERISTICS

- It has high mechanical strength.
- It can be applied smoothly to sandy or sandless surfaces due to its spontaneous spreading feature.
- It has high abrasion resistance.
- Easy to apply.
- Easy to clean and maintain.
- It forms an impermeable layer against liquids.
- It can be produced in the desired RAL color.

## APPLICATION METHOD

### Surface Preparation

- Remove oil, wax, grease, and water repellents from the surface using a dust floor milling machine or other suitable methods that can easily lift free particles.
- Ensure that new concrete is at least 28 days old.
- Repair cracks with EBUPOX R810.
- Prime the surface with epoxy-based primers before application.  
Roughen the surface using appropriate mechanical methods prior to applying the primer layer.

### Mixing

- Component A and component B are provided in separate packages with predetermined mixture ratios.
- Completely empty component B into component A and mix them together.
- Use a mixer at a speed of 300 rpm for the mixing process.
- Prepare the two-component product in the required amount, considering the mixture life and specified mixture ratio.
- Ensure that the product temperature is not below 15°C to achieve a homogeneous mixture.
- Mix component A with a mechanical mixer and then add the hardener (component B) according to the specified ratio.
- Mix components A and B with a mechanical mixer for at least 3 minutes until they are homogeneous.
- Consume the mixture within 20 minutes.

### Application

- The mixture is applied on the surface and spread homogeneously with the adjusted jig or comb trowel.
- Use hedgehog roll to remove bubbles away from the material.
- It is recommended to wear spiked shoes to prevent the application surface from deteriorating during application.

## Application Conditions

- Protect the surface from external factors for a minimum of 24 hours after application.
- Allow controlled and light pedestrian traffic after 4 days and vehicle traffic after 7 days.
- Ensure the relative humidity of the air is below 80% and ground humidity is below 2% during application.
- Maintain an application temperature between +10°C and +30°C.
- Note that the product is not suitable for open space applications. For chemical strength values, consult our technical unit.

## CONSUMPTION

1,50 kg/m<sup>2</sup>  
(For 1mm thickness)

## PACKAGING AND STORAGE

20 kg Tin (Set: Component A: 16 kg + Component B: 4 kg).

Shelf life when stored in its original packaging at +10°C / +30°C in dry, protected and ventilated environments, protected from sun, rain and frost, is 12 months from the date of manufacture.

## SAFETY PRECAUTIONS

During application and mixing, contact of the material with the skin and eyes should be prevented, and in case of contact, it should be washed with plenty of water. In case of contact with eyes, they should be washed immediately with plenty of water and medical assistance should be obtained. Gloves, protective clothing / mask / goggles should be used during use.

## TECHNICAL DATA

Density (gr/ cm <sup>3</sup> )	1,50
Viscosity	1200 mPa.s (+ 23°C)
Abrasion Resistance (mg, 7 days old)	40-45
Compressive Strength (N/ mm <sup>2</sup> )	> 50
Bending Strength (N/ mm <sup>2</sup> )	> 34
Adhesion to concrete (N/ mm <sup>2</sup> )	> 4
Container life at 25 °C (min)	20
Initial Curing	24 hours
Final Curing	7 days

The above values are given at +20°C and for 50% relative humidity. High temperatures shorten the time, low temperatures prolong the time.







# EBUPOX CLEARCOAT

TRANSPARENT SELF LEVELLING

H.S:390730000000

## DESCRIPTION

EBUPOX CLEARCOAT is a two component self-leveling, solvent free epoxy which can be used as flooring in all types of industry, workshops and warehouses. It is a high performance self levelling & self-smoothing product, easy to apply, leaving a durable seamless surface, specially formulated as heavy duty concrete coating for floor. The product consists of pre-weighed colored resin and hardener components. It provides a hard wearing and abrasion resistant floor finish for basement, warehouses, industrial factories, ground floor car parks, traf

## USAGE AREAS

Indoor car parks.  
 Bridge decks.  
 Traffic decking.  
 Industrial floors.  
 Car production and workshops.  
 Food and beverage industry floors.  
 Warehouses and storage facilities.  
 Service stations and maintenance areas.  
 Hospitals, laboratories, medical factory and chemical plants.  
 Metal treatment plants.

## CHARACTERISTICS

- It levels by itself.
- It can be pumped.
- No shrinkage or cracking occurs.
- Applicable to underfloor heating floors.
- It is used indoors and outdoors.
- It has fast hardening feature.
- It is resistant to frost.

## APPLICATION METHOD

### Surface Preparation

Concrete: Remove slip agent and other possible contaminants by emulsion washing followed by high pressure hosing with fresh water. Remove scum layer and loose matter to a hard, rough and uniform surface, preferably by abrasive blasting, possibly by other mechanical treatment or acid etching. Seal surface with epoxy sealer, as per relevant painting specification.

Over Ceramic surfaces: The surface of ceramic must be sanded and the glaze surface must be removed and make sure the surface after that is clean, dry and free from oils or grease.

Metal Surfaces: Metal surfaces must be free from oil, grease and any kinds of liquids. Also the surfaces must be sandblasted to reach to uniform surface then apply one coat of epoxy primer before applying the product.

### Application Conditions

Mix part A for three minutes to make sure that there no settlement in the paint. Pour part B over part A, mix the two parts for 2 - 3 minutes by an electric mixer with low rotation speed (< 300 rpm). Add the silica sand gradually during mixing. The epoxy must be well mixed to ensure proper chemical reaction. After mixing, keep the mix to rest for 1 min before the application.

## CONSUMPTION

1,8 - 2,0 kg /m<sup>2</sup> for 1 mm thickness

## PACKAGING AND STORAGE

### 16 kg + 8 kg= 24 kg tin

In its original packaging, when stored in ventilated, dry and protected environments at +10°C/+30°C, protected from sun, rain and frost, its shelf life is 1 year from the date of manufacture. 12 months if stored in a cool and dry environment in upright position between 10°C and 30°C.

## SAFETY PRECAUTIONS

Gloves, protective clothing, masks/goggles should be used during mixing and application, and contact of the product with eyes, mouth and skin should be prevented. In case of contact with skin, it should be washed with plenty of water, and in case of contact with eyes and swallowing, a doctor should be consulted.

## TECHNICAL DATA

Shade /Colors:	Transparent
Finish:	High Gloss
Volume solids %:	100 %
Theoretical spreading:	1 M <sup>2</sup> / liter. (1 mm dry film thickness)
Recommended DFT:	Between 1-7 mm
Flash point:	130 ° C. /266 °F
VOC :	10 g/ltr
Specific gravity:	1.6 kg/liter
Surface dry:	1 approx. hour(s) 20°C/68°F
Dry to touch:	2 - 4 hour(s) 20°C/68°F
Hard Dry:	8 - 10 hour(s) 20°C/68°F
Fully cured:	7 days 20°C/68°F

The above values are given at +20°C and for 50% relative humidity. High temperatures shorten the time, low temperatures prolong the time.



# EBUPOL SL700

TWO COMPONENT POLYURETHANE BASED  
SELF LEVELLING FLOORING

H.S:390950100000



## DESCRIPTION

Polyurethane based, solvent free, two components, self levelling glossy flooring material with high chemical abrasive strength and crack bridging feature.

## USAGE AREAS

- Factories, & Stores and offices,
- Storage areas, & Cold storages
- Schools and hospitals, & Parking lots,
- Concrete floors requiring chemical and mechanical strength,
- Floors requiring high abrasive resistance and strength.

## CHARACTERISTICS

- Solvent-free.
- Resistant against friction and abrasion.
- Elastic structure.
- Ensures joint-free, monolithic surface.
- Easy to clean, Hygienic.
- Does not require maintenance for a long time, & Easy to apply.

## APPLICATION METHOD

### Surface Preparation

- The concrete floor should be clean, strong, and meet a minimum C25 standard (preferably C30-C35).
- Concrete surfaces should be prepared to ensure a porous surface by removing cement grout.
- Surface moisture should not exceed 4%, and the product should not be applied on concrete surfaces with rising humidity.
- Application surfaces should be sound, clean, dust-free, and free from mold release agents, curing materials, bitumen, and other foreign substances.
- Remove any mortar or cement residues, and if possible, wash the surface with pressurized water and dry it thoroughly.

### Priming

- It is recommended to avoid using EBUPOX P260 for priming.
- Apply the primer evenly on the surface using an appropriate brush, ensuring no ponding.
- Once the primer is dry, proceed with the application.
- If the surface humidity exceeds the standards, it is preferable to use EBUPOX P400 Humidity-Tolerant Primer.

### Mixing

- Stir Component A in its container using a low-speed mixer (300-400 rpm) until it reaches homogeneity.
- Add Component B into Component A and continue stirring for an additional 2 minutes until the mixture becomes homogeneous.
- Avoid excessive mixing to minimize the introduction of air.
- The prepared mixture should be utilized within 40 minutes.

### Application Conditions

- Avoid applying the product on surfaces exposed to prolonged sunlight, excessively hot or frozen surfaces.
- Ensure that the ambient temperature falls within the range of +5°C to +30°C during application.
- Protect the application area from wind and direct sunlight.
- Do not step on the surface after application.

## CONSUMPTION

1,45 kg/m<sup>2</sup>  
for 1 mm thickness

## PACKAGING AND STORAGE

**22 kg Tin (Set: Component A: 18 kg + Component B: 4 kg).**

The product has a shelf life of 12 months when stored in a cool, dry environment between +10°C and +25°C on wooden pallets. Use the opened material within 24 hours after application. Protect the surface from direct water contact for 48 hours. The actual consumption amount may vary depending on application conditions and surface characteristics.

## SAFETY PRECAUTIONS

No smoking, open flames, or inadequate ventilation during application. Wear appropriate work attire, goggles, masks, and protective gloves as per safety regulations. Rinse eyes with water if contacted and seek medical attention. Refer to the Safety Data Sheet (SDS) for further handling information.

## TECHNICAL DATA

Color	White, Grey, Blue, Green, RAL Colors
Mixture Ratio	4,5 / 1 (Component A/ Component B)
Pot Life (+20°C)	25 minutes
Density (+20°C)	1.60 g/cm <sup>3</sup>
Application Temperature	Between +5°C to +30°C
Step Over Time	16 hours
Full Cure	48 hours
Resistance Against Chemical and Mechanical Loads	7 days
Adhesive Strength to Concrete	≥ 2 N/mm <sup>2</sup>
Tensile Strength	≥ 50 N/mm <sup>2</sup>
Abrasion Resistance by Taber Abrader	70 mg
Hardness (Shore D) (7 days)	83
Permeability to Water Vapor	Class 1
Capillary Water Absorption	≤ 0.5 kg/(m <sup>2</sup> .h <sup>0.5</sup> )
Permeability to CO <sub>2</sub>	Sd > 50
Reaction to Fire	E

The above values are given at +20°C and for 50% relative humidity. High temperatures shorten the time, low temperatures prolong the time.



FLOORING MATERIALS

ebuchem  
CONSTRUCTION MATERIALS



# EBUPOL SL710

TWO COMPONENT POLYURETHANE BASED ELASTIC SELF LEVELLING FLOORING

H.S:390950100000

## DESCRIPTION

Polyurethane based, solvent free, two components, self levelling elastic glossy floor coating with high chemical abrasive strength and crack bridging feature.

## USAGE AREAS

- Concrete floors
- Stores and offices,
- Cold storages
- Schools and hospitals.
- Sports Flooring

## CHARACTERISTICS

- Solvent-free.
- Resistant against friction and abrasion.
- Highly elastic structure
- Ensures joint-free, monolithic surface.
- Easy to clean, Hygienic.
- Does not require maintenance for a long time, & Easy to apply.

## APPLICATION METHOD

### Surface Preparation

- The concrete floor must meet a minimum C25 standard, preferably C30-C35, and be clean and strong.
- Prepare concrete surfaces to create a porous surface by removing cement grout.
- Surface moisture should not exceed 4%, and application should not be done on concrete surfaces with rising humidity.
- Ensure that application surfaces are sound, clean, free from dust, mold release agents, curing materials, bitumen, and other foreign substances.
- Remove mortar and cement residues, and if possible, clean the surface by washing it with pressurized water and allowing it to dry.

### Priming

- It is recommended to avoid using EBUPOX P260 for priming.
- Apply the primer evenly on the surface using an appropriate brush, ensuring no ponding.
- Once the primer is dry, proceed with the application.
- If the surface humidity exceeds the standards, it is preferable to use EBUPOX P400 Humidity-Tolerant Primer.

### Mixing

- Stir Component A in its container using a low-speed mixer (300-400 rpm) until it achieves homogeneity.
- Add Component B to Component A and continue stirring for an additional 2 minutes to ensure overall homogeneity. Avoid overmixing to minimize air entrainment.
- The prepared mixture should be used within a 40-min timeframe.

### Application Conditions

- Avoid applying the product on surfaces exposed to prolonged sunlight, excessive heat, or freezing conditions.
- The product should not be applied when the ambient temperature is outside the range of +5°C to +30°C.
- Protect the application area from wind and direct sunlight.
- Refrain from stepping on the surface after application.

## CONSUMPTION

1.2 kg/m<sup>2</sup>  
for 1 mm thickness

## PACKAGING AND STORAGE

**24 kg Tin (Set: Component A: 20 kg + Component B: 4 kg).**  
The product has a shelf life of 12 months when stored in a cool, dry environment between +10°C and +25°C on wooden pallets. Use the opened material within 24 hours after application. Protect the surface from direct water contact for 48 hours. The actual consumption amount may vary depending on application conditions and surface characteristics.

## SAFETY PRECAUTIONS

No smoking, open flames, or inadequate ventilation during application. Wear appropriate work attire, goggles, masks, and protective gloves as per safety regulations. Rinse eyes with water if contacted and seek medical attention. Refer to the Safety Data Sheet (SDS) for further handling information.

## TECHNICAL DATA

Color	White, Grey, Blue, Green, RAL Colors
Mixture Ratio	5 / 1 (Component A/ Component B)
Pot Life (+20°C)	25 minutes
Density (+20°C)	1.0 g/cm <sup>3</sup>
Application Temperature	Between +5°C to +30°C
Step Over Time	16 hours
Full Cure	48 hours
Resistance Against Chemical and Mechanical Loads	7 days
Adhesive Strength to Concrete	≥ 2 N/mm <sup>2</sup>
Tensile Strength	≥ 50 N/mm <sup>2</sup>
Abrasion Resistance by Taber Abrader	70 mg
Hardness (Shore D) (7 days)	83
Permeability to Water Vapor	Class 1
Capillary Water Absorption	≤ 0.5 kg/(m <sup>2</sup> .h <sup>0.5</sup> )
Permeability to CO <sub>2</sub>	Sd > 50
Reaction to Fire	E

The above values are given at +20°C and for 50% relative humidity. High temperatures shorten the time, low temperatures prolong the time.





# EBUFIX LS150

LITHIUM SILICATE & WATER BASED  
LIQUID SURFACE HARDENER

H.S:320890910029



## DESCRIPTION

EBUFIX LS150 is a water-based, high lithium silicate, ready to use liquid surface hardener that can be applied on old and new concrete surfaces.

## USAGE AREAS

- Indoors and outdoors,
- In concrete floors, cement-based screeds, tile and stone
- floors, which are desired to be hardened and not to be dusted,
- In factories, industrial sites and workshops,
- In warehouses and garages, In aircraft hangars and heliports.

## CHARACTERISTICS

- It increases the resistance of concrete and cement based floors to dusting and abrasion.
- The applied surface has a silky and shiny appearance.
- It creates a waterproof, dust-proof surface after curing.
- It provides permanent and effective durability on the surface.
- It prevents cracks that may occur on the concrete surface.
- It is impermeable to water vapor.
- It is environmentally friendly

## APPLICATION METHOD

### Surface Preparation

- Surfaces to be applied should be intact, self-carrying, dry, clean and free from anti-stick materials such as dust, oil, paint, curing material, detergent, mold oils and silicone.

### Application

- EBUFIX LS150 is a ready-to-use product applied on freshly poured concrete or screed.
- Apply with a brush, roller, or spray gun as a single layer, filling the pores adequately.
- After application, the surface should appear wet for 15-20 minutes.
- If rapid drying occurs, an additional layer may be necessary.
- The surface is ready for use 1-2 hours after application.
- The final curing process takes 7 days to complete.

### Application Conditions

- Use concrete with a minimum grade of C20/25 and screed with a minimum grade of EN 13813 CT-C25-F4 for the application.
- For quicker shine, dry or wet polishing can be performed using a polishing machine.
- Take precautions as it may be harmful to the skin upon contact.
- Avoid applying in frosty or potentially frosty weather conditions.
- Protect the applied surface from rain, frost, pedestrian traffic, and high humidity until it is completely dry.
- Do not apply when the surface and ambient temperature is below +5°C or above +35°C.
- Avoid heavy traffic on the surface for 24 hours after application.

## CONSUMPTION

100 - 200 gr / m<sup>2</sup>

Consumption will increase due to the absorbency problem on surfaces with low concrete quality.

## PACKAGING AND STORAGE

30 kg Plastic Drum.

In its original packaging, when stored in ventilated, dry and protected environments at +10°C/+30°C, protected from sun, rain and frost, its shelf life is 1 year from the date of manufacture.

## SAFETY PRECAUTIONS

During application and mixing, contact of the material with the skin and eyes should be prevented, and in case of contact, it should be washed with plenty of water. In case of contact with eyes, they should be washed immediately with plenty of water and medical assistance should be obtained. Gloves, protective clothing / mask / goggles should be used during use.

## TECHNICAL DATA

Color	Transparent
Application Temperature	+5°C to +35°C
Solid Content Ratio	15 ± 1
pH	11
First drying	2 hours
Final drying	7 days
Burning point	Non-flammable
Density	1,10 g/cm <sup>3</sup>

The above values are given at +20°C and for 50% relative humidity. High temperatures shorten the time, low temperatures prolong the time.



FLOORING MATERIALS

ebuchem  
CONSTRUCTION CHEMICALS





# REPAIRING & FILLING MATERIALS







# EBUFIX RM 30

REPAIR MORTAR FOR SUPERFICIAL REPAIRS (5-30 mm)

H.S:382440000000

## DESCRIPTION

EBUFIX RM30 is a one component, R1 class, polymer modified, gross concrete, fine repair mortar with a thickness of 5-30 mm on the concrete surfaces where it is applied, in the form of thixotropic tray.

## USAGE AREAS

In the repair and surface leveling of concrete structures, In the repair and plastering of gross concrete surfaces, Plastering and repair of walls and ceilings, It is used in sub-ceramic concrete repair and surface plane.

## CHARACTERISTICS

- High adhesion strength to concrete surfaces where it is applied.
- It provides smooth surface finish.
- Thanks to its non-shrink feature, cracks do not form.
- It does not crack and sag
- It provides good adhesion
- It is fiber reinforced
- It provides smooth surface finish

## APPLICATION METHOD

### Surface Preparation

Before applying EBUFIX RM30, the surface must be cleaned of dust, oil, paint and substances that prevent penetration such as curing.

Damaged areas on the surface should be repaired. The surface should be roughened to ensure adhesion.

Water leaking from the structure to the surface should definitely be stopped. Otherwise, leaking water dissolves the applied material without hardening.

The temperature of the surface to be applied should not be high. Surfaces should be saturated with water before application, and the surface should be free of water during application.

### Mixing

EBUFIX RM30 is added to the water and mixed.

Water ratio 22% of the weight of the powdered product (do not use water with a pH value lower than 5.5)

First, 5-6 liters of water is placed in a bucket, then 25 kg of material in the bag is mixed and added to the water and stirred continuously for 4-5 minutes. After 2-3 minutes of rest and again stirring for 30 seconds, the application is started.

### Application Conditions

- EBUFIX RM30 is applied to the moist concrete surface with a trowel.
- The mortar is expected to drain and the finishing work is done with a steel or wooden trowel by sprinkling water.
- In each application, the thickness should be between 5-30 mm.

### Application Conditions

In high temperature environments; store the bag in the shade, use cold mix water, apply quickly and continuously in the morning and evening. In low temperature environments; store the bag indoors, use hot mix water, start applying it towards noon and make sure that the structure is not affected by frost.

Surface applied in extremely dry, windy and direct sunlight exposed environments should be protected for 24-48 hours.

## CONSUMPTION

~ 19 kg/m<sup>2</sup> for 1cm thickness

## PACKAGING AND STORAGE

### 25 kg Kraft Bag

In its original packaging, when stored in ventilated, dry and protected environments at +5°C/+25°C, protected from sun, rain and frost, its shelf life is 1 year from the date of manufacture.

## SAFETY PRECAUTIONS

Gloves, protective clothing, masks/goggles should be used during mixing and application, and contact of the product with eyes, mouth and skin should be prevented. In case of contact with skin, it should be washed with plenty of water, and in case of contact with eyes and swallowing, a doctor should be consulted

## TECHNICAL DATA

Material structure	Cement-based powder
Color	Grey
Mixture density	1900 kg/m <sup>3</sup>
Water mixture ratio	~ % 22
Application temperature	+5°C / +30°C
Service temperature	-20°C / +80°C
Compressive Strength)	≥ 10 N/mm <sup>2</sup> (28 days)
Breaking strength	≥ 0,8 N/mm <sup>2</sup>

The above values are given at +20°C and for 50% relative humidity, High temperatures shorten the time, low temperatures prolong the time.



# EBUFIX RM 50

STRUCTURAL, THICK REPAIR MORTAR

H.S:382440000000



## DESCRIPTION

EBUFIX RM50 is a ready to use, R4 class, cement based, impermeable, non-shrink, chlorine-free, fiber reinforced, thixotropic toward consistency, sulfate resistant, polymer modified, high performance structural repair mortar.

## USAGE AREAS

In all reinforced concrete, reinforced concrete and precast structures that require structural repair and restoration, In balcony repair, column edges, floor surface repairs, Filling of tie rod holes, For the repair of gross concrete surfaces.

## CHARACTERISTICS

- High adherence to concrete and steel.
- Freeze-thaw resistant.
- Resistance to chemicals.
- Resistance to sulphate, chlorine effects.
- It does not shrink. (non-shrink)
- The material can also be applied by spraying.
- It does not contain chlorine.
- It is fiber reinforced.
- It provides impermeability.
- It is resistant to high pressure.

## APPLICATION METHOD

### Surface Preparation

All loose parts on the application surface should be broken and cleaned and the surface should be roughened. The surface edges should be broken vertically and the depth should be at least 0.2 cm. The rust in the reinforcement should be cleaned, if necessary, new reinforcement should be added. If there is water leakage on the surface, water leakage and leaks should be prevented with EBUPROOF PLUG suddenly hardening plug. The surface should be completely free of adhesive substances such as oil and paint. Before application, the surface should be moistened; it is saturated with water in extremely hot and windy weather.

### Mixing

25 kg of powder material is added to 4.5 kg of water depending on the ambient temperature. (water ratio 18%) The required amount of water is placed in a clean bucket. The necessary powder product is added on it and it is mixed with a mixer until a homogeneous and lump-free mortar is obtained. After the material is rested for 1-2 minutes, it is started to be applied by mixing for 1 minute.

### Application

EBUFIX RM50 mortar is applied by trowel or spray. It can be applied in a single layer up to 50 mm thickness. For applications over 50 mm, it can be applied 2-3 times using reinforcement. Additional coat applications should be performed after 24 hours. The final leveling and finishing is done at the beginning of the mortar setting with a wooden or plastic trowel.

## Application Conditions

In high temperature environments; store the bag in the shade, use cold mix water, apply quickly and continuously in the morning and evening.

In low-temperature environments; store the bag indoors use hot mix water, start applying it towards noon and make sure that the structure is not affected by frost.

Surface applied in extremely dry, windy and direct sunlight exposed environments should be protected for 24-48 hours.

## CONSUMPTION

~ 20,5 kg / m<sup>2</sup> for 1 cm thickness

## PACKAGING AND STORAGE

25 kg Kraft Bag

In its original packaging, when stored in ventilated, dry and protected environments at +5°C/+25°C, protected from sun, rain and frost, its shelf life is 1 year from the date of manufacture.

## SAFETY PRECAUTIONS

Gloves, protective clothing, masks/goggles should be used during mixing and application, and contact of the product with eyes, mouth and skin should be prevented. In case of contact with skin, it should be washed with plenty of water, and in case of contact with eyes and swallowing, a doctor should be consulted.

## TECHNICAL DATA

Material structure	Cement-based powder
Color	Grey
Mixture density	2050 kg/m <sup>3</sup>
Water mixture ratio	18%
Workability time	60 minutes (20°C)
Waiting time between coats	3-4 hours
Application temperature	+5°C / +30°C
Application thickness	3-50 mm
Chloride ion content ≤	≤ 0.05
Compressive Strength ≥ 4	≥ 45 N/mm <sup>2</sup> (28 days)
Breaking strength	≥ 2 N/mm <sup>2</sup>

87The above values are given at +20L°oCreamndipfosrum50% relative humidity. High temperatures shorten the time, low temperatures prolong the time.



REPAIRING & FILLING MATERIALS

ebuchem  
CONSTRUCTION CHEMICALS



# EBUFIX GROUT

HIGH STRENGTH, CEMENT BASED GROUT MORTAR

H.S:382440000000

## DESCRIPTION

EBUFIX GROUT is a ready to use, R4 class, cement based, non tensile mounting mortar with a flowable consistency for applications between 1-10 cm.

## USAGE AREAS

In light and heavy machine foundation fillings, bearing, 'grouting' and assembly works,  
 In generators, diesel engines, gas and steam turbines, etc.  
 In the manufacture of curtains and column headboards,  
 In the assembly of prefabricated concrete building elements.

## CHARACTERISTICS

- It is resistant to chemicals such as oil, chlorine, sulfate.
- It does not shrink. (non-shrink)
- It is resistant to freeze & thaw.
- It has high adhesion strength to concrete and steel reinforcement.
- It is resistant to impact & vibration.

## APPLICATION METHOD

### Preparation of the Machine and Foundation

All loose parts in the concrete to be placed on the machine should be cleaned and the surface should be made slightly rough.  
 The bolt and base plate must be completely free of substances such as oil and dust.  
 The air release holes for the base plate must be drilled in advance.  
 The machine position should not be changed at all after the machine is placed and the scale is adjusted.  
 If the adjustment blocks are to be removed later, they must be lightly lubricated.  
 Before pouring the mortar, the foundation concrete should be saturated with water and free water should be taken before application.

### Preparation of Molds

Molds should be made of mortar resistant material.  
 From the side where the mortar will be poured, a casting gap of 15-20 cm should be left between the base plate and the mold.  
 On the other hand, a gap of 5-10 cm should be left.  
 A margin of 5-10 cm should also be left for mortar height.  
 For oversized plates, the height can be 1.5 m and the first batch is fluidized by adding 10% water to the casting to increase workability.



## Application

No other machinery should be operated near the machine where the assembly mortar will be made, until the mortar hardens. The mortar is poured from one side continuously. The mortar should never be poured from both sides. Good filling of the mortar can be achieved by moving back and forth under the plate with a flexible steel whip. If the exposed edges are desired to be broken after

## CONSUMPTION

19.5 kg/m<sup>2</sup> for 1 cm thickness (1950 kg / m<sup>3</sup>)

## PACKAGING AND STORAGE

### 25 kg Kraft Bag

In its original packaging, when stored in ventilated, dry and protected environments at +5°C/+25°C, protected from sun, rain and frost, its shelf life is 1 year from the date of manufacture.

## SAFETY PRECAUTIONS

Gloves, protective clothing, masks/goggles should be used during mixing and application, and contact of the product with eyes, mouth and skin should be prevented. In case of contact with skin, it should be washed with plenty of water, and in case of contact with eyes and swallowing, a doctor should be consulted.

## TECHNICAL DATA

Material structure Cement based powder  
 Color Grey  
 Mixture density 1950 kg/m<sup>3</sup>  
 Water mixture ratio 16%  
 Workability time 30-45 minutes (20°C)  
 Capillary water absorption 0.5 kg / (m<sup>2</sup>.hours 0.5)  
 Service temperature -30°C / +90°C  
 Application thickness 1-10 cm  
 Compressive Strength ≥ 60 N/mm<sup>2</sup> (28 days)  
 Bending Strength ≥ 9 N/mm<sup>2</sup> (28 days)  
 Breaking strength ≥ 2 N/mm<sup>2</sup>

The above values are given at +20°C and for 50% relative humidity. High temperatures shorten the time, low temperatures prolong the time.





# EBUFIX GROUT RAP

FAST CURING CEMENT BASED GROUT & REPAIR MORTAR

H.S:382440000000



## DESCRIPTION

EBUFIX GROUT RAP is a ready to use, cement based, impermeable, non-shrink, especially high early strength, polymer modified, fast curing fluid repair and grout mortar for 1-4 cm applications

## USAGE AREAS

Around the loophole and manhole covers,  
In light and heavy machine foundation fillings, bearing, 'grouting' and assembly works,  
In generators, diesel engines, gas and steam turbines, etc.  
In the manufacture of curtains and column headboards,  
In the assembly of prefabricated concrete building element

## CHARACTERISTICS

- It can be opened to traffic in 2 hours.(fast curing)
- It is resistant to chemicals such as oil, chlorine, sulfate.
- It does not shrink. (non shrink).
- It is resistant to freeze and thaw.
- It has high adhesion strength to concrete and steel reinforcement.
- It is resistant to impact and vibration.

## APPLICATION METHOD

### Preparation of the Machine and Foundation

All loose parts in the concrete to be placed on the machine should be cleaned and the surface should be made slightly rough. The bolt and base plate must be completely free of substances such as oil and dust.

The air release holes for the base plate must be drilled in advance. The machine position should not be changed at all after the machine is placed and the scale is adjusted. If the adjustment blocks are to be removed later, they must be lightly lubricated.

Before pouring the mortar, the foundation concrete should be saturated with water and free water should be taken before application.

### Mixing

12-14% water is put into the stirrer first. (3.00 - 3.50 lt / 25 kg powder material)  
EBUFIX GROUT RAP is added to the water quickly and continuously. After the bag is empty, it is mixed for 4-5 minutes until a homogeneous and lump free mortar is obtained.

### Application

EBUFIX GROUT RAP mortar is fluid and hardens quickly. Therefore, it is applied by pouring or pumping immediately after mixing with water. (within 5-8 minutes)  
The mortar should be poured continuously and from one side. It can be applied 1-4 cm on one layer.  
Molds should not be taken before 15 minutes.

## CONSUMPTION

19.5 kg/m<sup>2</sup> for 1cm thickness (1950 kg / m<sup>3</sup>)

## PACKAGING AND STORAGE

### 25 kg Kraft Bag

In its original packaging, when stored in ventilated, dry and protected environments at +5°C/+25°C, protected from sun, rain and frost, its shelf life is 1 year from the date of manufacture.

## SAFETY PRECAUTIONS

Gloves, protective clothing, masks/goggles should be used during mixing and application, and contact of the product with eyes, mouth and skin should be prevented. In case of contact with skin, it should be washed with plenty of water, and in case of contact with eyes and swallowing, a doctor should be consulted.

## TECHNICAL DATA

Material structure	Cement based powder
Color	Grey
Mixture density	1950 kg/m <sup>3</sup>
Water mixture ratio	12-14%
Workability time	30-45 minutes (20°C)
Capillary water absorption	0,5 kg / (m <sup>2</sup> .hours0,5)
Service temperature	-30°C / +90°C
Application thickness	1-4 cm
Compressive Strength ≥	≥ 60 N/mm <sup>2</sup> (28 days)
Bending Strength ≥	≥ 9 N/mm <sup>2</sup> (28 days)
Breaking strength ≥	≥ 2 N/mm <sup>2</sup>

The above values are given at +20°C and for 50% relative humidity.  
High temperatures shorten the time, low temperatures prolong the time.



REPAIRING & FILLING MATERIALS

ebuchem  
CONSTRUCTION CHEMICALS



# EBUPOX R800

TWO-COMPONENT, SOLVENT-FREE, REPAIR  
& ANCHORAGE MORTAR

H.S:390730000000

## DESCRIPTION

EBUPOX R800 is a two-component, solvent-free, non-shrinkage, thixotropic epoxy repair, anchorage and bonding mortar.

## USAGE AREAS

- In the assembly and bonding of all kinds of steel and concrete elements,
- In the fixing injection dowels, filling cracks, planting sprouts,
- In the bonding of dilatation tapes,
- For bonding old concrete and new concrete.

## CHARACTERISTICS

- Since it is thixotropic/trowel consistency, it does not sag.
- Strong adhesion to structures such as concrete, metal, wood, stone.
- It does not shrink. (non-shrink), It does not precipitate and sediment, It can be applied in dry or slightly humid environments.
- It provides impermeability against mineral oils, petroleum and acids.
- It has high resistance to seawater, diesel, gasoline, cleaning materials.
- It is resistant to vibration, It is impermeable to water and gas.
- No primer required.
- It can be conveniently used for reinforcement and anchoring works, It can be opened to pedestrians in 24 hours and heavy traffic in 7 days.

## APPLICATION METHOD

### Surface Preparation

- Clean the surface to remove oil, rust, and paint.
- Roughen the surface if needed, based on the condition of the concrete.
- Clean and add new reinforcement if existing reinforcement is rusty.
- Apply to concrete that is at least 28 days old and has a dry or slightly damp surface.
- Use sand or a brush to remove any debris from steel surfaces until shiny metal is visible.

### Mixing

- Component B is added into component A and mixed with a low-speed mixer for 3-4 minutes.
- Considering the pot life, the material should be mixed as necessary. At high temperatures, the pot life of the material is reduced.

### Application

- Apply EBUPOX R800 to the surface using a spatula or trowel immediately after mixing. Each layer should have a thickness between 2-30 mm.
- Apply additional coats once the previous layer has hardened (after 18-24 hours).
- If immediate application to a metal surface is not possible, use a primer.
- When bonding two materials, apply the product to both surfaces.
- After applying the desired thickness, press the bonded parts together until polymerization is complete.

## CONSUMPTION

1.70 kg / m<sup>2</sup> / 1 mm

## PACKAGING AND STORAGE

**5 kg Tin (set: 3.75 kg (A) + 1.25 kg (B)).**

In its original packaging, when stored in ventilated, dry and protected environments at +5°C/+25°C, protected from sun, rain and frost, its shelf life is 1 year from the date of manufacture.

## SAFETY PRECAUTIONS

Gloves, protective clothing, masks/goggles should be used during mixing and application, and contact of the product with eyes, mouth and skin should be prevented. In case of contact with skin, it should be washed with plenty of water, and in case of contact with eyes and swallowing, a doctor should be consulted.

## TECHNICAL DATA

Specific gravity	1.70 kg/lit (A+B)
Color	Grey
Working time	45-60 minutes (20°C)
Initial hardening	12-18 hours (20°C)
Full Curing	7 days (20°C)
Application temperature	+5°C / +30°C
Service temperature	-15°C / +90°C
Adhesion to steel	3,5 N/mm <sup>2</sup> (28 days, 20°C)
Adhesion to concrete	4 N/mm <sup>2</sup> (28 days, 20°C)
Compressive strength	75 N/mm <sup>2</sup> (7 days, 20°C)
Bending strength	25 N/mm <sup>2</sup> (7 days, 20°C)
Tensile strength	18 N/mm <sup>2</sup> (7 days, 20°C)

The above values are given at +20°C and for 50% relative humidity.  
High temperatures shorten the time, low temperatures prolong the time.



# EBUPOX R810

TWO COMPONENT EPOXYBASED REPAIR MORTAR

H.S:390730000000



## DESCRIPTION

EBUPOX R810 is a two-component, solvent-free, high-pressure strength, thixotropic epoxy repair mortar.

## USAGE AREAS

- On all concrete and cement based surfaces,
- In the repair of industrial floors,
- As a floor covering where there is heavy vehicle traffic.

## CHARACTERISTICS

- Thixotropic/trowel consistency prevents sagging.
- Does not precipitate or sediment.
- High compressive strength.
- Provides impermeability to mineral oils, petroleum, and acids.
- High resistance to seawater, diesel, gasoline, and cleaning materials.
- Resistant to vibration, No primer required.
- Pedestrian access in 24 hours, heavy traffic in 7 days.

## APPLICATION METHOD

### Surface Preparation

- The surface to be applied should be cleaned and free of foreign substances such as oil, rust, paint.
- The surface should be roughened if necessary according to the concrete surface condition.
- If the reinforcement in the concrete is rusty, it should be cleaned and new reinforcement should be added if necessary.
- The concrete to be applied must be at least 28 days old and the concrete surface must be dry.
- The amount of moisture on the surface should be below 4%.

### Mixing

- Component B is added into component A and mixed with a low-speed mixer for 3-4 minutes.
- Considering the pot life, the material should be mixed as necessary. At high temperatures, the pot life of the material is reduced.

### Application

- EBUPOX R810 is applied to the surface with spatula or trowel immediately after mixing.
- Additional coat applications should be performed after the previous layer has hardened. (18-24 hours)
- At temperatures below +5 °C or in cases where the temperature is expected to fall below +5 °C within 24 hours following the application, the application should not be performed.



## CONSUMPTION

2.00 kg / m<sup>2</sup> / 1 mm

## PACKAGING AND STORAGE

25 kg Tin( set: (24 kg (A) + 1 kg (B)

In its original packaging, when stored in ventilated, dry and protected environments at +5°C/+25°C, protected from sun, rain and frost, its shelf life is 1 year from the date of manufacture.

## SAFETY PRECAUTIONS

Gloves, protective clothing, masks/goggles should be used during mixing and application, and contact of the product with eyes, mouth and skin should be prevented. In case of contact with skin, it should be washed with plenty of water, and in case of contact with eyes and swallowing, a doctor should be consulted.

## TECHNICAL DATA

Specific gravity	1.90 kg/lit (A+B)
Color	Sand Yellow
Working time	40 minutes (20°C)
Initial hardening	24 hours (20°C)
Full Curing	7 days (20°C)
Application temperature	+5°C / +30°C
Service temperature	-15°C / +90°C
Adhesion to concrete	4 N/mm <sup>2</sup> (28 days, 20°C)
Compressive strength	70 N/mm <sup>2</sup> (7 days, 20°C)
Bending strength	28 N/mm <sup>2</sup> (7 days, 20°C)

The above values are given at +20°C and for 50% relative humidity. High temperatures shorten the time, low temperatures prolong the time.



REPAIRING & FILLING MATERIALS

ebuchem  
CONSTRUCTION CHEMICALS





# EBUPOX R820

TWO COMPONENT, SOLVENT-FREE DILATATION  
BONDING & REPAIR MORTAR

H.S:390730000000

## DESCRIPTION

EBUPOX R820 is a two-component, solvent-free, moisture-tolerant, thixotropic epoxy repair and bonding mortar that does not shrink.

## USAGE AREAS

- In the bonding of dilatation tapes, Indoors and outdoors.
- In the assembly and bonding of all kinds of steel and concrete elements,
- In the repair and bonding of all kinds of materials such as concrete, marble and stone.

## CHARACTERISTICS

- It has high adhesion strength.
- Since it is thixotropic/trowel consistency, it does not sag.
- Strong adhesion to structures such as concrete, metal, wood, stone.
- It does not shrink. (non-shrink)
- It does not precipitate and sediment.
- It provides impermeability against mineral oils, petroleum and acids.
- It is resistant to vibration, No primer required.
- It can be opened to pedestrians in 24 hours and heavy traffic in 7 days.

## APPLICATION METHOD

### Surface Preparation

- The surface to be applied should be cleaned and free of foreign substances such as oil, rust, paint.
- According to the concrete surface condition, if necessary, the surface should be roughened and free of particles and dust.
- The concrete to be applied must be at least 28 days old and the concrete surface must be dry or slightly damp.

### Mixing

- Component B is added into component A and mixed with a low-speed mixer for 3-4 minutes.
- Considering the pot life, the material should be mixed as necessary.
- At high temperatures, the pot life of the material is reduced.

### Application

- Apply EBUPOX R820 to the surface using a spatula or trowel immediately after mixing.
- Apply a 1.5 mm thick and 40 mm wide strip of the product on both sides of the dilatation to bond the elastic dilatation tapes.
- After laying the dilatation tape, apply the same product on top of the tape and protect the surface until the adhesive is completely dry to prevent mechanical damage.
- When using the product between two materials, apply it to both surfaces.
- Press the bonded parts together until polymerization is complete after applying the desired thickness.
- Each layer should have a thickness between 2-30 mm.
- Apply additional coats once the previous layer has hardened (after 18-24 hours).
- If immediate application to a metal surface is not possible, use a primer.

## CONSUMPTION

1.80 kg / m<sup>2</sup> / 1 mm

## PACKAGING AND STORAGE

### 5 kg Tin (set (4 kg A + 1 kg B)).

Shelf life when stored in its original packaging at +10°C / +30°C in dry, protected and ventilated environments, protected from sun, rain and frost, is 12 months from the date of manufacture.

## SAFETY PRECAUTIONS

Gloves, protective clothing, masks/goggles should be used during mixing and application, and contact of the product with eyes, mouth and skin should be prevented. In case of contact with skin, it should be washed with plenty of water, and in case of contact with eyes and swallowing, a doctor should be consulted.

## TECHNICAL DATA

Specific gravity	1.70 kg/lit (A+B)
Color	Gray
Working time	45-60 min. (20°C)
Initial hardening	12-24 hours (20°C)
Full Curing	7 days (20°C)
Service temperature	-15°C / +90°C
Application temperature	+5°C / +30°C
Compressive strength	40 N/mm <sup>2</sup> (7days, 20°C)
Bending strength	25 N/mm <sup>2</sup> (7days, 20°C)
Adhesion strength	3,6 N/mm <sup>2</sup> (7days, 20°C)

The above values are given at +20°C and for 50% relative humidity.  
High temperatures shorten the time, low temperatures prolong the time.



# EBUPOX GROUT

FLUID EPOXY BASED ADHESIVE, REPAIR &  
GROUT MORTAR

H.S:390730000000



## DESCRIPTION

EBUPOX GROUT is a three-component, solvent-free, non-shrinkage, self-levelling epoxy repair, anchorage, grout mortar that can be applied in 4-50 mm thickness.

## USAGE AREAS

- In the bridge carrier plates, On metal columns,
- On the crane rail lines,
- In the machine foundations on concrete,
- On the fastening bolts, In non-flexible joints,
- In the anchoring of prefabricated structures,
- In the bonding of materials such as concrete, wood, metal,
- In the works of planting iron ore in concrete,
- In the crack repair of precast, reinforced concrete,
- In floor repair and levelling works.

## CHARACTERISTICS

- Fast application thanks to self levelling feature
- High wear and impact resistance
- High adhesion to structures such as concrete, steel, wood, stone
- It does not shrink. (non-shrink)
- It does not precipitate and sediment
- It can be applied in dry or slightly humid environments
- Impermeability to mineral oils, oil, acid and water
- It is resistant to vibration, No primer required
- It can be opened to pedestrians in 24 hours and heavy traffic in 7 days

## APPLICATION METHOD

### Surface Preparation

- Clean the surface to be applied, and if necessary, roughen it and remove foreign substances such as oil, rust, paint, and dust.
- Apply to concrete that is at least 28 days old and has a dry or slightly damp surface.
- Use sand or a brush to remove any debris from steel surfaces until shiny metal is visible.
- Clean rust from the reinforcement and add new reinforcement if necessary.  
For machine foundations:
  - Clean the concrete surface and roughen the area to be grouted.
  - Ensure the bolt and base plate are clean.
  - Pre-drill air release holes for the base plate in advance.
  - After placing the machine and taking measurements, avoid changing its position.
  - Apply a light lubricant to the adjustment wedges to prevent mortar from sticking.

### Preparation of Molds

- Use solid molds with no gaps in the edges.
- Leave a 5 cm casting gap between the base plate edge and the mold for pouring grout mortar.
- Consider using polyethylene to prevent sticking to the mold walls.

### Mixing

- Component B is added into component A and stirred with a low speed stirrer for 1-2 minutes. Then, add dry and powdered component C and stir for about 3-4 minutes until a homogeneous mixture is obtained and does not create air bubbles

## Application

Pour EBUPOX GROUT into mold cavities or onto the surface immediately after mixing. (4-50 mm thickness)

In repair applications, pour the mortar onto the surface and spread it evenly with a toothed trowel. Protect from external influences in hot, dry, and windy environments for 48 hours.

In grout applications, pour the mortar from one side of the mold continuously and use a steel wire with a hook tip to ensure proper placement. Do not remove the molds for 24 hours and the adjustment wedges for 2 days.

Check the bolts after the machine is commissioned. Protect from external influences in warm, dry, and windy environments for 48 hours.

## CONSUMPTION

2,0 kg / m<sup>2</sup> / 1mm

In filling operations, the application thickness should be maximum 5 cm in each layer, and additional layers should be applied after the previous layer has hardened, on average 4-5 h

## PACKAGING AND STORAGE

**15 kg Tin (set: (2 kg A + 1 kg B + 12 kg C)).**

In its original packaging, when stored in ventilated, dry and protected environments at +5°C / +25°C, protected from sun, rain and frost, its shelf life is 1 year from the date of manufacture.

## SAFETY PRECAUTIONS

Gloves, protective clothing, masks/goggles should be used during mixing and application, and contact of the product with eyes, mouth and skin should be prevented. In case of contact with skin, it should be washed with plenty of water, and in case of contact with eyes and swallowing, a doctor should be consulted.

## TECHNICAL DATA

Mixture density	2.0 ± 0.05 kg/liter
Working time	30 minutes (20°C)
Initial hardening	6 hours (20°C)
Full hardening	7 days (20°C)
Application temperature	+5°C - +40°C
Service temperature	-15°C - +80°C
Compressive strength	> 80 N / mm <sup>2</sup> (7 days)
Bending strength	> 30 N / mm <sup>2</sup> (7 days)
Adhesion to concrete	> 2 N / mm <sup>2</sup> (7 days)
Adhesion to steel	> 2 N / mm <sup>2</sup> (7 days)
Color	Grey

The above values are given at +20°C and for 50% relative humidity.  
High temperatures shorten the time, low temperatures prolong the time.





# EBUPOX 2CINJ

EPOXY BASED INJECTION SYSTEM FOR STRENGTHENING PURPOSES

H.S:382440000000

## DESCRIPTION

EBUPOX 2CINJ is an epoxy based, two-component, non-filling injection resin that fills the fractures and cracks formed in the structural elements where it is injected as an excellent diffusion thanks to its low viscosity.

## USAGE AREAS

- In damaged concrete, columns, beams, walls and similar building elements.
- To reinforce the structure by filling the static cracks in reinforced concrete, stone and full brick structures.

## CHARACTERISTICS

- Low viscosity, it diffuses very well to the structures.
- It fills the crack where it is injected without losing volume and allows it to adhere.
- It can be injected into damp concrete.

## APPLICATION METHOD

### Surface Preparation

- Cracks up to the surface are opened along the crack to form an inverted cone approximately 5 - 10 mm wide and 10 - 12 mm deep. Dust, dirt, etc. are removed with compressed air.

### Application

- Packers are used to facilitate the injection of EBUPOX 2CINJ epoxy resin into concrete cracks.
- Packers are placed into drilled holes to provide access for resin injection.
- Injection is performed using an injection pump and the resin is injected through the packers' nozzles.
- Special pumps, such as single or double-headed pumps, are used for the injection process.
- A single-headed pump is used for quick injections, while a double-headed pump is preferred for longer durations.
- The working pressure during injection should not exceed 5 bar.
- Injection relies on capillary pressure for resin propagation rather than increased pump pressure in capillaries.



## CONSUMPTION

Variable

## PACKAGING AND STORAGE

**6 kg Tin (set: 4 kg (A) + 2 kg (B)).**

In its original packaging, when stored in ventilated, dry and protected environments at +5°C/+25°C, protected from sun, rain and frost, its shelf life is 1 year from the date of manufacture.

## SAFETY PRECAUTIONS

Gloves, protective clothing, masks/goggles should be used during mixing and application, and contact of the product with eyes, mouth and skin should be prevented. In case of contact with skin, it should be washed with plenty of water, and in case of contact with eyes and swallowing, a doctor should be consulted.

## TECHNICAL DATA

Specific gravity	1.10 kg/lit (A+B)
Color	Transparent
Viscosity	200-300 MPa.s
Application temperature	+5°C / +35°C
Flash Point	+65°C
Adhesion to concrete	2 N/mm <sup>2</sup> (28 days, 20°C)
Compressive strength	65 N/mm <sup>2</sup> (7 days, 20°C)
Adhesion to steel	3,5 N/mm <sup>2</sup> (28 days, 20°C)
Bending strength	25 N/mm <sup>2</sup> (7 days, 20°C)

The above values are given at +20°C and for 50% relative humidity. High temperatures shorten the time, low temperatures prolong the time.





# EBUPOX P300

POLYESTER BASED ANCHOR & MOUNTING RESIN  
CHEMICAL DOWEL

H.S:382440000000



## DESCRIPTION

EBUPOX P300 chemical anchor dowel is a two-component, gun-applied, cake-like, polyester based anchorage and assembly resin.

## USAGE AREAS

- In building materials such as bricks, briquettes,
- In seedling works as chemical dowels,
- In fixing the injection apparatus,
- In anchorage and assembly works subject to light loads.

## CHARACTERISTICS

- It is easy to apply with its special gun.
- It sets fast.
- It does not sag.
- It can be applied to slightly damp surfaces.
- It provides high resistance to chemicals such as sea water, jet fuel, oil, and medium resistance to soda and diluted acid solutions.
- It can be used in hollow elements.

## APPLICATION METHOD

- Holes of the correct diameter and depth are drilled using a drill.
- The inside of the holes is thoroughly cleaned using a brush and compressed air to remove any debris.
- The cartridge containing the anchor material is loaded into an application gun.
- The pressing action is initiated, but the first mixture from the cartridge is not used until a homogeneous color is obtained.
- The tip of the stirrer is inserted deep into the hole, and approximately half of the hole is filled with the material.
- The anchor material is carefully inserted into the hole by slowly and slightly turning it.
- The gun is retracted to fill the remaining part of the hole.
- Any excess material overflowing from the hole should be removed before it hardens.
- It is important not to disturb the fastener until the specified loading time has elapsed, and the material should be allowed to fully cure.



## CONSUMPTION

Variable

## PACKAGING AND STORAGE

### 345 ml cartridge.

In its original packaging, when stored in ventilated, dry and protected environments at +5°C/+25°C, protected from sun, rain and frost, its shelf life is 1 year from the date of manufacture.

## SAFETY PRECAUTIONS

Gloves, protective clothing, masks/goggles should be used during mixing and application, and contact of the product with eyes, mouth and skin should be prevented. In case of contact with skin, it should be washed with plenty of water, and in case of contact with eyes and swallowing, a doctor should be consulted.

## TENSILE LOAD ON CONCRETE

Crude metal diameter (mm)	Hole diameter (mm)	Hole depth (mm)	Tensile load (mm)
8	10	80	7
10	12	100	12
12	14	120	16

## TECHNICAL DATA

Density	1.7 kg / lt
Solid material	100%
Service temperature	-30°C / +95°C
Application temperature	+5°C / +35°C
Re-coating time	1 hour (+20°C)
Full Curing Time	1 day (+20°C)

The above values are given at +20°C and for 50% relative humidity.  
High temperatures shorten the time, low temperatures prolong the time.



REPAIRING & FILLING MATERIALS

ebuchem  
CONSTRUCTION CHEMICALS



# EBUPOX V300

EPOXY BASED ANCHORING & MOUNTING RESIN  
CHEMICAL DOWEL

H.S:382440000000

## DESCRIPTION

EBUPOX V300 is a two-component, gun-applied, high-strength, paste-like, 100% epoxy-based anchorage and assembly resin.

## USAGE AREAS

- In structures such as concrete, brick, briquette, In seedling works as chemical dowels,
- In the anchoring of bolts and pins,
- For crack filling and repairs,
- In fixing the injection apparatuses.

## CHARACTERISTICS

- It is easy to apply with its special gun.
- It sets fast.
- It provides high early strength.
- It does not crack, sag and pull.
- It protects iron reinforcements against corrosion.
- It can be applied to slightly damp surfaces.
- It provides high resistance to chemicals such as sea water, jet fuel, oil, and medium resistance to soda and diluted acid solutions.
- It can be used in anchorage works where high strength is desired.
- It shows high resistance to impacts.
- It can be easily used in high temperatures.
- It gets cured even in aquatic environments.
- It does not contain solvents and styrene.

## APPLICATION METHOD

- The hole is drilled to the correct diameter and depth using a hammer drill.
- The inside of the hole is thoroughly cleaned using a brush and compressed air to ensure it is free from debris.
- The cartridge containing the anchor material is loaded into the application gun.
- Pressing is initiated, but the first mixture from the cartridge is not used until a homogeneous color is achieved.
- The tip of the stirrer is inserted as deep as possible into the hole, and approximately half of the hole is filled with the material.
- The gun is retracted to fill the remaining portion of the hole.
- The anchor material is immediately placed in the hole by slowly and slightly turning it.
- Any excess material overflowing from the hole should be removed before it hardens.
- It is important to refrain from touching the fastener until the specified loading time has passed, and care should be taken to ensure that the material is fully cured.



## CONSUMPTION

Variable

## PACKAGING AND STORAGE

### 345 ml cartridge.

In its original packaging, when stored in ventilated, dry and protected environments at +5°C/+25°C, protected from sun, rain and frost, its shelf life is 1 year from the date of manufacture.

## SAFETY PRECAUTIONS

Gloves, protective clothing, masks/goggles should be used during mixing and application, and contact of the product with eyes, mouth and skin should be prevented. In case of contact with skin, it should be washed with plenty of water, and in case of contact with eyes and swallowing, a doctor should be consulted.

## TENSILE LOAD ON CONCRETE

Crude metal diameter (mm)	Hole diameter (mm)	Hole depth (mm)	Tensile load (mm)
8	10	80	10
10	12	100	15
12	14	120	22
14	16	140	28
16	20	160	35
20	25	200	50

## TECHNICAL DATA

Content	100% epoxy resin
Solid material	100%
Service temperature	-30°C / +95°C
Application temperature	+5°C / +35°C

The above values are given at +20°C and for 50% relative humidity. High temperatures shorten the time, low temperatures prolong the time.













# EBUPOL PAR

SOLVENT FREE POLYURETHANE TILE/PARQUET  
RUBBER ADHESIVE

H.S:390950100000

## DESCRIPTION

EBUPOL PAR is a two-component, water and frost resistant, polyurethane based, multi-purpose, adhesive mortar for large-sized coating materials such as ceramic, granite, wood, parquet, with high adhesive strength and high elasticity.

## USAGE AREAS

- Suitable for fixing coating materials with low water absorption rate on solid, dust-free, and low water absorption surfaces such as cement-based plaster, screed, primed concrete, metal, and wooden surfaces.
- Can be used both indoors and outdoors on horizontal and vertical surfaces.
- Provides secure adhesion while accommodating heat changes, surface movements, and form changes such as expansion and shrinkage.
- Ideal for environments and surfaces that require high elasticity and strength.
- Can be applied on old ceramic-coated surfaces.
- Suitable for ceramic bonding applications on horizontal and vertical floors.
- Can be used on metal or wooden floors.
- Effective for fixing coating materials like ceramic and granite ceramic to various surfaces including concrete, metal, wood, chipped cement board (betopan), wood, and drywall.
- Suitable for fixing parquet.
- Can be used in underfloor heating applications.

## CHARACTERISTICS

- It has high elasticity and adhesion strength.
- It has high tensile-rupture strength.
- It is resistant to water and frost.
- It is easy to prepare and apply, does not contain solvent.
- It has high elasticity and high adhesion strength.
- It is anti-slip for vertical application.

## APPLICATION METHOD

### Surface Preparation

- Ensure the surface is solid and clean.
- Repair any surface defects at least 6-8 hours prior to adhesive application.
- Remove rust from metal surfaces if present.
- For surface temperatures above 30°C, moisten the surface and maintain a maximum moisture rate of 2% during application.
- Moisture content should not exceed 0.5% on plaster or anhydrous surfaces.
- Apply primer on absorbent surfaces like gypsum, waiting 24 hours before starting the application.
- Renew unstable parts on wooden surfaces and fix wooden coating material joints at 30 cm intervals to prevent vibration.

### Mixing

- It is ready to use product that is filled in bucket.
- It should be mixed in its bucket with low speed mixer.

### Application

- EBUPOL PAR is directly applied on the surface by notched trowel.
- Joints should be applied during tile application.

## Issues to be Considered in Practice

Place ceramics within 15-20 minutes after applying EBUPOL PAR. Do not apply the material if the ground temperature is below +5°C. Protect the material from rain, frost, and direct sunlight for the first 12 hours after application.

## CONSUMPTION

Ceramic size	Notched Trowel	Consumption
>10x10 cm	6 mm	4-5 kg/m <sup>2</sup>
>15x15 cm	8 mm	4,5-5,5 kg/m <sup>2</sup>
>30x30 cm	8 mm	5,5-6,5 kg/m <sup>2</sup>
< 30x30 cm	10 mm	5,5-7 kg/m <sup>2</sup>

## PACKAGING AND STORAGE

10 kg Tin (set: 9 kg (A) + 1 kg (B)).

Shelf life when stored in its original packaging at +10°C / +30°C in dry, protected and ventilated environments, protected from sun, rain and frost, is 12 months from the date of manufacture.

## SAFETY PRECAUTIONS

Gloves, protective clothing, masks/goggles should be used during mixing and application, and contact of the product with eyes, mouth and skin should be prevented. In case of contact with skin, it should be washed with plenty of water, and in case of contact with eyes and swallowing, a doctor should be consulted.

## TECHNICAL DATA

Initial shear adhesion strength	≥ 2 N/mm <sup>2</sup>
Shear adhesion strength after immersion in water	≥ 2 N/mm <sup>2</sup>
Shear adhesion str. after thermal shock	≥ 2 N/mm <sup>2</sup>
Tensile adhesion str. after open holding time (after 20 minutes)	≥ 0,5 N/mm <sup>2</sup>
Slip	≤ 0,5 mm
Operation time	45-60 minutes
Service temperature	-20°C / +80°C
Ground temperature	+5°C / +30°C

The above values are given at +20°C and for 50% relative humidity. High temperatures shorten the time, low temperatures prolong the time.





# EBUPOL PVC

SOLVENT FREE POLYURETHANE PVC/ CARPET ADHESIVE

H.S:390950100000



## DESCRIPTION

Dispersion adhesive with low filler content for thin application in interior areas.  
Ready to use, water based dispersion adhesive for use as a wet bond adhesive requiring only short open time and can also be used with double drop method for maximum immediate grab.

## USAGE AREAS

Homogeneous and heterogeneous PVC and cushioned vinyl floor coverings  
Carpets, PVC and latex backings  
Lightweight needlepunch floorings  
Prepared, level and absorbent subfloors  
Domestic and commercial locations

## CHARACTERISTICS

Aqueous polymer dispersion, mineral based fillers, preservation agents, fibres, additives and water.  
Easy to apply with high coverage  
Excellent grab  
Short open time & long working time  
High final strength  
Good resistance to plasticisers  
Solvent free  
Suitable for use on warm water underfloor heating systems and suitable for cleaning with spray extraction systems.

## APPLICATION METHOD

### Surface Preparation

The floor must be levelled and cleaned from materials which would impair adhesion on the surface.  
Thoroughly vacuum the surface then apply primer.

### Application

Apply the adhesive evenly onto the floor using a suitable notched trowel (see "Consumption") and allow open time as appropriate for the quantity applied, climatic conditions, substrate absorbency and type of covering.  
Lay in the covering, rub down over the whole surface and, after approx. 20 minutes, rub down with pressure or roll.

### Application Conditions

Optimum working conditions 18 - 25 °C, floor temperature above 15 °C  
Relative Humidity below 75 %  
Low temperatures & high humidity lengthen the working, setting and drying times.  
High temperatures & low humidity shorten the working, setting and drying times.  
Leave until the adhesive is fully set (min. 24 hours but ideally 48 - 72 hours)

## CONSUMPTION

Backing	Trowel Notch	Consumption
smooth	A1	300 - 350 g/m <sup>2</sup>
lightly textured	A2	350 - 400 g/m <sup>2</sup>

## PACKAGING AND STORAGE

### 20 kg buckets

Minimum shelf life 12 months in original packaging and in relatively cool storage conditions. Protect from frost.  
Tightly seal opened containers and use the contents as quickly as possible.

## SAFETY PRECAUTIONS

Contact of the product with the skin and eyes should be prevented, and in case of contact, it should be washed with plenty of water. If swallowed, drink a few glasses of water immediately and seek medical advice. In case of contact with eyes, they should be washed immediately with plenty of water and medical assistance should be obtained.  
Gloves and protective goggles should be used during use.

## TECHNICAL DATA

Package:	6 kg & 20 kg plastic bucket
Shelf life:	min. 12 months
Colour:	cream & white
Working temperature:	min. 15 °C
Consumption:	0,300 - 0,400 g/m <sup>2</sup>
Open time:	10 - 15 minutes*
Working time:	approx. 35 minutes*
Set to traffic:	after 24 - 48 hours*
Final Strength:	after 3 - 4 days*

The above values are given at +20°C and for 50% relative humidity.  
High temperatures shorten the time, low temperatures prolong the time.





# EBUPOL DIL

TWO COMPONENT, POLYURETHANE BASED, POURABLE ISOLATION MATERIAL

H.S:390950100000

## DESCRIPTION

Two component, polyurethane based, pourable isolation material used for wide dilatation joints (>10-15 cm). Creates an extremely elastic film curing with the humidity in the air. Can be applied in a wide temperature range. Suitable only for horizontal joints

## USAGE AREAS

- is used isolation and dilatation material for wide dilatation joints (>10-15 cm).

## CHARACTERISTICS

- Easily applied because of self levelling characteristic.
- Highly elastic structure.
- Adhesion on all surfaces (especially on primed surfaces)
- Maintains elasticity even under -40 °C.
- Fills dilatation joints perfectly because of its liquid (pourable) characteristic.

## APPLICATION METHOD

### Surface Preparation

- Remove all soil, grease, mortar particles, cement residues, loose particles from inside of dilatation joints to be filled.
- Dilatation joints must be clean and dry.
- Prime the surface if necessary before application of
- Caution: Particularly recommended for application on primed surfaces

### Application

- First mix thoroughly components A and B separately on their own
- Then add component A into component B and mix for at least 3 minutes until the color of the mixture becomes gray.
- Use mechanical mixers of at least 300-400 rpm for mixing.
- To obtain best result in dilatation joint filling, the ratio of the width to depth must be 2/1, which the depth is required min. 10 mm.
- Apply by pouring the polyurethane based liquid filler into the joint while the primer is still tacky.
- Application time of mixed system is 0,5 to 1 hour.
- Recommended application temperature changes between +5 °C and +40 °C.
- To reduce the consumption and to control filling depth, polyethylene fillings are placed in dilatation joints before application.



## CONSUMPTION

To obtain best result in dilatation joint filling, the ratio of the width to depth must be 2/1, which the depth is required min. 10 mm. Consumption amounts changes according to width and depth of dilatation joints.

## PACKAGING AND STORAGE

**5 kg Tin (set: 1 kg (A) + 4 kg (B)).**

The product may be stored for 12 months in sealed original packaging at a cool and dry place.

## SAFETY PRECAUTIONS

Contact of the product with the skin and eyes should be prevented, and in case of contact, it should be washed with plenty of water. If swallowed, drink a few glasses of water immediately and seek medical advice. In case of contact with eyes, they should be washed immediately with plenty of water and medical assistance should be obtained. Gloves and protective goggles should be used during use.

## TECHNICAL DATA

Density:	at 20 °C 1,4 gr/cm <sup>3</sup> (kg/it)
Hardness	20 Shore A
Using Temperature	between -40 °C and 90 °C
Application Temperature	between 5 °C and 40 °C
Elongation at Break	>%500
Tensile Strength	at %100 elongation 4 N/mm <sup>2</sup>
Elasticity	>%60
QUV Accelerated Aging Test	Passed after 1000 hours (4 hours at 80 °C UV (UVB-Lamps) & 4 hours at 50 °C COND)

The above values are given at +20°C and for 50% relative humidity.  
High temperatures shorten the time, low temperatures prolong the time.



# EBUPOL FILL

TWO COMPONENT, POLYURETHANE BASED,  
SBR ROLLER FILLER

H.S:390950100000



## DESCRIPTION

Two component, polyurethane based, solvent-free, highly elastic, filling material with perfect adhesion characteristic used as filler on rubber mat floors for sports facilities

## USAGE AREAS

- Also to obtain a smooth surface by filling the holes in the rubber.
- Suitable for parquette, fiberboard, plywood or polystyrene foam (EPS&XPS) applications.

## CHARACTERISTICS

- High adhesive power.
- High elasticity.
- Adhesion on different surfaces.
- Solventfree.

## APPLICATION METHOD

### Surface Preparation

- The concrete surface must be clean. Compression resistance should be (not less than 25 N/mm<sup>2</sup>), with a tensile resistance (pull off) of at least 1,5 /mm<sup>2</sup>.
- Consequently, the concrete surface for coating must be not less than C25 or preferably C30 - C35 standard.
- Concrete to be coated must be strong.
- The unstable layer of the surface must always be removed.

### Application

- First mix components A and B separately on its own. Then add component B into component A and mix for at least 3 minutes until a homogenous color is obtained.
- Use electrical mixers of at least 300-400 rpm for mixing.
- Apply the mixture to prepared surface using a V type notched trowel with dimension of 4x4x4 mm.
- The mixture should be consumed within max. 1 hour.



## CONSUMPTION

0,400-0,800 kg/m<sup>2</sup> (Varies according to the condition of the rubber mat surface and the type of coating).

## PACKAGING AND STORAGE

22 kg Tin (set: 20 kg (A) + 2 kg (B)).

The product may be stored for 12 months in sealed original packaging at a cool and dry place.

## SAFETY PRECAUTIONS

Contact of the product with the skin and eyes should be prevented, and in case of contact, it should be washed with plenty of water. If swallowed, drink a few glasses of water immediately and seek medical advice. In case of contact with eyes, they should be washed immediately with plenty of water and medical assistance should be obtained. Gloves and protective goggles should be used during use.

## TECHNICAL DATA

Chemical Structure	Polyurethane
Density	Component A+B: -1,75 kg/l(at +23 °C)
Solids Content	-%100 (by volume) / - %100 (by weight)
Mixture Ratio (A+B)	90/10 (by weight)

The above values are given at +20°C and for 50% relative humidity.  
High temperatures shorten the time, low temperatures prolong the time.



REPAIRING & FILLING MATERIALS

ebuchem  
CONSTRUCTION CHEMICALS







# SEALANTS & FOAMS





# EBUSEAL PS 600

POLYURETHANE BASED SEALANT

H.S:391000000019



## DESCRIPTION

EBUSEAL PS 600 is a one component, elastomeric, mois-ture-curing, polyurethane sealant.

## USAGE AREAS

- Used for joint filling in horizontal and vertical surfaces in indoor and outdoor spaces.
- Suitable for filling joints in structures such as steel, aluminum, metal, copper, stone, plastic, wood, concrete, and parapets.
- Used as an adhesive for joining light elements and industrial floors.
- Applied between precast wall panels and in the joining details of prefabricated elements.
- Used for filling expansion joints.

## CHARACTERISTICS

- It is resistant to water, industrial detergent, hydrocarbon resin and other chemicals. (consult for list)
- It is antibacterial.
- It has high adhesion feature.
- It provides permanent waterproofing, and it is long lasting.
- It can be painted. (with water based acrylic paint)
- It does not require the use of primer.
- It is not affected by weather conditions, expansion movements.

## APPLICATION METHOD

### Surface Preparation

- Surface should be clean and free from dust, oil, paint, curing, bitumen.
- Sand raised and swollen areas on wooden surfaces.
- Thoroughly clean rust, dirt, and oils on metal surfaces.
- Clean joints on cement-based surfaces with a wire brush.
- Use a polyethylene backing rod to support the joint paste and adjust its depth before application.

### Application

- Apply EBUSEAL PS 600 using a cartridge/sausage gun.
- For cartridges, drill the plug at the end and cut and attach the plastic mouthpiece according to the joint size.
- For sausages, place the sausage in the gun tube, cut the tip, close the gun, and make the application.
- Press the material towards the joint edges with a spatula immediately after application for better adhesion.
- Protect the product against water for 2-3 hours after application.
- When applying to concrete surfaces, ensure the concrete is at least 28 days old and the surface is dry.
- Prevent contact of the product with the skin during application, and wash with plenty of water in case of contact.



## CONSUMPTION

Variable

## PACKAGING AND STORAGE

### 600 ml Sausage.

Shelf life when stored in its original packaging at +10°C /+30°C in dry, protected and ventilated environments, protected from sun, rain and frost, is 12 months from the date of manufacture.

## SAFETY PRECAUTIONS

Gloves, protective clothing, masks/goggles should be used during mixing and application, and contact of the product with eyes, mouth and skin should be prevented. In case of contact with skin, it should be washed with plenty of water, and in case of contact with eyes and swallowing, a doctor should be consulted.

## TECHNICAL DATA

Shore A hardness	~ 35
Specific gravity	~ 1.15 gr / ml
Service temperature	-35°C / +80°C
Application temperature	+5°C / +35°C
Curing speed	60-100 minutes (20°C, 50% humidity)
Curing thickness	> 2.5 mm (24 hours, 20°C)
Elasticity module	~ 0.20 Mpa
Tensile strength	~ 0.40 N/mm <sup>2</sup> (100%, +20°C)
Mobility	25%
Flexibility	1000%
Color	Grey, red, black, white, green, beige

The above values are given at +20°C and for 50% relative humidity. High temperatures shorten the time, low temperatures prolong the time.





# EBUSEAL AS 610

ACETIC, HYGIENIC SANITARY SILICONE SEALANT

H.S:391000000019



## DESCRIPTION

One component, general-purpose, hygienic acetic-curing silicone sealant. It is suitable for sealing the joints between materials and coverings. The sealant does not sag during or after application and prevents the formation of pores on the surface during curing. It effectively inhibits mold growth in areas exposed to excessive humidity or lacking ventilation. The silicone sealant exhibits full performance and elasticity even in extreme temperatures, ranging from as low as -40 °C to as high as 100 °C.

## USAGE AREAS

- Suitable for indoor applications of wet areas, window and door systems, kitchens and various DIY applications.

## CHARACTERISTICS

- Silicone-based mastic sealant, transparent/white color, density 0.98 gr/cm<sup>3</sup>.
- Multipurpose with excellent adhesion to vitrified surfaces.
- No pore formation during curing.
- High durability, solvent-free, non-sagging.
- Full performance at low and high temperatures.

## APPLICATION METHOD

### Surface Preparation

- To ensure proper bonding, the surface must be clean.
- Remove any dust, dirt, grease, or other contaminants that may act as a barrier.
- The surfaces should be mature, sound, stable, smooth, and dry.
- Impervious surfaces such as glass or vitrified wares should be cleaned using a solvent-based cleaning material.
- Make sure to wipe off the material from the surface before it dries.
- Depending on the surface condition, priming may be necessary to enhance bonding.

### Application

- To prevent excessive sealant from contaminating the surrounding surface, tape the sides of the joint for masking.
- Use a sealant gun to apply the sealant.
- Insert the cartridge into the gun and cut off the tip diagonally, considering the width of the joint.
- Apply an appropriate amount of sealant into the joint.
- Smooth the surface using a sealant pen or spatula before the sealant forms a skin.
- After application, remove the masking tapes.
- Wet sealant residue can be easily cleaned with a cloth, while dried residue may require mechanical cleaning.



## Application Conditions

- Consistency: Non-sag
- Application tool: Sealant gun
- Application temperature: +5 °C - +40 °C
- Initial set time (for contact): Minimum 10 minutes
- Formation of surface film set time: Minimum 25 minutes

## CONSUMPTION

The approximate coverage amount may vary depending on the application thickness:  
10-12 linear meters / 310 ml cartridge.

## PACKAGING AND STORAGE

Plastic cartridges of 310 and 280 ml (25 cartridges in a box).

Store the unopened product in a cool, dry place above 5 °C. It has a shelf life of 18 months from the manufacturing date indicated on the packaging. Opened cartridges should be tightly closed to avoid air contact. Do not use the product after the expiration date, unless quality control tests confirm its suitability.

## SAFETY PRECAUTIONS

Not suitable for acid-sensitive surfaces, inox, aluminum, metals, polished marbles, or limestone. Avoid contact with cementitious, EPDM, APTK, and neoprene surfaces. Pre-test on a spare surface area for resistance to acidic effects. Not for bonding glazed surfaces or use in aquariums. Not paintable. Longer curing time in low temperatures, high humidity, and poorly ventilated areas. Take precautions to prevent contact with skin and eyes.

## TECHNICAL DATA

Extrusion rate	800 ml/min. (23 °C, 3 mm nozzle, 650 N/mm <sup>2</sup> )
Tensile strength	0,6 N/mm <sup>2</sup> (ISO 8339)
Ultimate elongation	200% (ISO 8339)
Hardness (Shore A)	18 (ISO 868)
Modulus (100% flexion)	0,36 N/mm <sup>2</sup>
Tear strength	4,0 N/mm <sup>2</sup> (ISO 34 method C)
Resistance to thermal shocks	-40 °C - +100 °C

The above values are given at +20°C and for 50% relative humidity. High temperatures shorten the time, low temperatures prolong the time.





# EBUSEAL NS 810

NEUTRAL ANTIBACTERIAL SILICONE SEALANT

H.S:391000000019

## DESCRIPTION

One component, antibacterial silicone sealant for outside sealing and grouting applications. It is non-corrosive, compatible with alcaly and cement surfaces, and resistant to sagging. The sealant inhibits mold growth in humid or poorly ventilated areas. It offers UV and weather resistance, maintaining performance in temperatures from -40 °C to 150 °C.

## USAGE AREAS

- Suitable for indoor and outdoor applications
- Ideal for wet areas, window and door systems, kitchens, and various DIY projects
- Versatile usage in cars, boats, vans, and houses
- Can be used for filling expansion joints in internal areas

## CHARACTERISTICS

- Material content: Silicone
- Type: Mastic
- Color: Transparent/white
- Density: 1.01 gr/cm<sup>3</sup>
- Excellent adhesion on concrete, cementitious, and aluminum surfaces, Ideal for professional applications
- No pore formation during drying, odorless
- Full performance at low and high temperatures
- Non-sagging and highly durable
- Ideal for DIY applications, 100% silicone

## APPLICATION METHOD

### Surface Preparation

- Surface must be clean for proper sealant bonding
- Surfaces should be free from dust, dirt, grease, and contaminants
- Surfaces should be mature, sound, stable, smooth, and dry
- Impervious surfaces (glass, vitrified wares, etc.) should be cleaned with a solvent
- Wipe off excess solvent before it dries
- Priming may be required for enhanced bonding, depending on the surface format

### Application

- Tape the sides of the joint to prevent sealant contamination
- Apply the sealant using a sealant gun
- Cut the tip of the cartridge diagonally according to the joint width
- Apply an adequate amount of sealant into the joint
- Smooth the surface with a sealant pen or spatula before the sealant forms a skin.
- Remove the masking tapes after application
- Wet sealant remains can be cleaned with a cloth, while dried remains require mechanical cleaning.



## Application Conditions

- Consistency : non-sag
- Application tool : sealant gun
- Application temperature : +5 °C - +40 °C
- Set time (initial / for contact) : minimum 10 minutes
- Set time (formation of surface film) : minimum 25 minutes

## CONSUMPTION

The approximate coverage amount may vary depending on the application thickness:  
10-12 linear meters / 310 ml cartridge.

## PACKAGING AND STORAGE

**Plastic cartridges of 310 and 280 ml (25 cartridges in a box).**

Store the unopened product in a cool, dry place above 5 °C. It has a shelf life of 18 months from the manufacturing date indicated on the packaging. Opened cartridges should be tightly closed to avoid air contact. Do not use the product after the expiration date, unless quality control tests confirm its suitability.

## SAFETY PRECAUTIONS

Not suitable for acid-sensitive surfaces, inox, aluminum, metals, polished marbles, or limestone. Avoid contact with cementitious, EPDM, APTK, and neoprene surfaces. Pre-test on a spare surface area for resistance to acidic effects. Not for bonding glazed surfaces or use in aquariums. Not paintable. Longer curing time in low temperatures, high humidity, and poorly ventilated areas. Take precautions to prevent contact with skin and eyes.

## TECHNICAL DATA

Extrusion rate	300 ml/min. (23 °C, 3 mm nozzle, 650 N/mm <sup>2</sup> )
Tensile strength	0,7 N/mm <sup>2</sup> (ISO 8339)
Ultimate elongation	300% (ISO 8339)
Hardness (Shore A)	22 (ISO 868)
Modulus (100% flexion)	0,34 N/mm <sup>2</sup>
Resistance to thermal shocks	-40 °C - +150 °C

The above values are given at +20°C and for 50% relative humidity. High temperatures shorten the time, low temperatures prolong the time.



# EBUSEAL GP 910

GENERAL PURPOSE SILICONE SEALANT

H.S:391000000019



## DESCRIPTION

EBUSEAL GP 910 is a multipurpose acetoxy cure silicone sealant that cures quickly to provide a permanently flexible, high strength waterproof seal. It contains a powerful antifungicide to prevent mould growth.

## USAGE AREAS

Sealing glass to glass.  
Sealing glass to aluminium and metal sealing.  
Sealing around baths, showers, basins and other sanitary ware.  
Sealing around worktops and laminates.  
For aluminium gutter sealing.

## CHARACTERISTICS

- Permanently flexible.
- Anti-fungal formula & prevents mould growth.
- Quick curing & low dirt pick up.
- Low viscosity for fast application.

## APPLICATION METHOD

### Surface Preparation

All surfaces must be clean, dry and dust free.  
All loose or flaking surface coatings, and old sealant and mastic joints, should be removed before application.  
Glass, metal and aluminium should be cleaned with a proprietary solvent cleaner prior to application for optimum adhesion.

### Application

Cut the tip of the cartridge taking care not to damage the thread. Apply nozzle and cut cleanly at an angle of 45° with an opening slightly larger than the gap to be sealed. Apply using a standard sealant gun. Best results will be obtained by keeping an even pressure on the gun trigger and keeping the gun at a constant angle to the surface being sealed.

Smooth down within 10 minutes of application. To ensure a proper bond, always smooth the sealant down using a spatula or piece of wood wetted with a soap and water solution. An improved appearance can be achieved by placing masking tape to both sides of the joint and removing within 5 minutes of application.

### Application Conditions

Optimum working conditions 18°C - 25°C, floor temperature above 15°C Relative Humidity below 75%  
Leave until the adhesive is fully set (min. 24 hours but ideally 48 - 72 hours)

## CONSUMPTION

The approximate coverage amount may vary depending on the application thickness: 10-12 linear meters / 310 ml cartridge.

## PACKAGING AND STORAGE

280 ml, 310 ml cartridges  
Store in cool dry conditions between +5°C and 25°C  
Minimum shelf life 18 months in original packaging and in relatively cool storage conditions. Protect from frost. Tightly seal opened containers and use the contents as quickly as possible.

## SAFETY PRECAUTIONS

Contact of the product with the skin and eyes should be prevented, and in case of contact, it should be washed with plenty of water. If swallowed, drink a few glasses of water immediately and seek medical advice. In case of contact with eyes, they should be washed immediately with plenty of water and medical assistance should be obtained. Gloves and protective goggles should be used during use.

## TECHNICAL DATA

Skimming time	5 mins @ 20°C
Cure time	2 mm per 24 hours
Hardness (Shore A)	15-25
Shrinkage	9-15%
Application Temp. Resistance	+5°C to +40°C
Service Temp. Resistance	-30°C to +150°C
Tensile strength	1,5 MPa
Stress	0,3MPa at 100% elongation
Specific gravity	1,00
Minimum joint width	4 mm
Maximum joint width	25 mm
Joint ratio	Maximum depth 50% of joint width
Elongation at break	400%

The above values are given at +20°C and for 50% relative humidity.  
High temperatures shorten the time, low temperatures prolong the time.







# EBUFOAM 600

POLYURETHANE FOAM

H.S:391000000019

## DESCRIPTION

Polyurethane foam formulated for fixing and gap filling applications. It is an economical solution for gap filling applications. Resistant to humidity and mould, it provides a long life semi hard filling material.

## USAGE AREAS

Filling gaps around door and window frames.  
Filling penetration gaps of gas pipes, plumbing, electricity installations.  
Filling holes, cracks and gaps in buildings for insulation purpose.  
Mounting applications of panels, air conditioning and air vents.

## CHARACTERISTICS

- Low expansion, does not apply high pressure on application substrates and door frames.
- High yield enables to fill around higher number of door and window frames.
- Cures quite fast even eliminating the need of moisturizing the substrates.
- Excellent cell structure and stability enables effective insulation and no shrinkage.
- Semi-flexible structure enables to re-shape the foam by hand with ease.

## APPLICATION METHOD

### Surface Preparation

- Application surfaces must be clean and dry and not contain oil, rust and loose parts.
- Slightly wetting the surfaces might increase performance of foam and make it dry faster.
- The surrounding of application areas where foam shall not be applied may be covered for protection purpose.

### Application

- Bring aerosol can to room temperature.
- Ambient temperature should be +10°C to +30°C.
- Shake the can vigorously before attaching the straw.
- Attach the straw to the valve by twisting.
- While the can is upside down, press the trigger for the foam to come out.
- Since the foam would expand, fill the gaps partially. Too big gaps should be filled in two layers and top of foam should be wetted.
- Continue to shake the can from time to time during application
- Leave the straw for the next application, otherwise clean the valve with a solvent like acetone.
- Fresh foam can be cleaned with foam cleaner or a solvent like acetone.

### Application Conditions

Consistency : non-sag  
Application temperature : +5 °C - +40 °C  
Set time (initial / for contact) : minimum 20 minutes  
Set time (formation of surface film) : minimum 35 minutes

## CONSUMPTION

Changes according to application type and surface

## PACKAGING AND STORAGE

Gross 600gr aerosol cans. 16 cannisters in a box.  
12 months if stored in a cool and dry environment in upright position between 10°C and 30°C .

## SAFETY PRECAUTIONS

To protect from direct sunlight, the foam must be painted or covered with a sealant. It is not possible to provide strong adhesion on teflon, PE and PP plastics.

It contains difenylmethane -4,4 diisocyanate. If inhaled for long periods, it may cause sensitivity on respiratory organs. If the wet foam contacts the skin for long periods, it may cause local rash and sensitivity on the skin. Therefore, the environment should be well-ventilated during the application, contact with the skin should be avoided and protective gloves and safety goggles should preferably be worn. Aerosol can is filled with flammable propellant gases under high pressure. It should not be punctured and should be kept away from any heat source or flames.

Refer to safety info form of the product for detailed information.

## TECHNICAL DATA

Density 24-28 kg / m<sup>3</sup>  
 Yield: 35-45 litres /1000ml  
 Fire Rate (DIN 4102): B3  
 Shrinkage: Max %5  
 Expansion: %150-250  
 Tack-Free Time: 15-20 minutes  
 Cutting Time: 1 hour  
 Full drying time: 12-24 hours  
 Colour: Light Yellow  
 Thermal Stability: between -50°C and +100°C  
 Compression strength: min 3N/mm<sup>2</sup>  
 Cutting strength: min 3 N/mm<sup>2</sup>  
 Thermal Conductivity: 0.030 W / m K  
 Water absorption: max.%20  
 Flash point (cured foam): >400C  
 Closed cell ratio: >%70

The above values are given at +20°C and for 50% relative humidity. High temperatures shorten the time, low temperatures prolong the time.



# EBUFOAM 840

POLYURETHANE FOAM

H.S:391000000019



## DESCRIPTION

High efficiency polyurethane gun foam for professional users, which can be easily dosed with the application gun. Resistant to humidity and mould, it provides a long life semi hard filling material.

## USAGE AREAS

Filling and insulating gaps around window and door frames,  
Filling penetration gaps of pipes belonging to gas, water, electricity etc. installations,  
Filling and insulating irregular gaps, cracks and holes in buildings.

## CHARACTERISTICS

- High yield foam allows to fill higher number of doors and windows  
Application with a gun-allows easier and more controllable dosage,
- Controlled expansion, low pressure on door and window frames,
- Cures fast, becomes cuttable within half an hour,
- High stability, no shrinkage,
- Non-sag on vertical substrates,
- Re-usable if the applicator gun left on the can,
- Strong adhesion on common building materials.

## APPLICATION METHOD

### Surface Preparation

Application surfaces must be clean and dry and not contain oil, rust and loose parts.  
Slightly wetting the surfaces might increase performance of foam and make it dry faster.  
The surrounding of application areas where foam shall not be applied may be covered for protection purpose.

### Application

Bring aerosol can to room temperature.  
Ambient temperature should be +10C to +30C.  
Shake the can vigorously before attaching the straw.  
Attach the straw to the valve by twisting.  
While the can is upside down, press the trigger for the foam to come out.  
Since the foam would expand, fill the gaps partially.  
Too big gaps should be filled in two layers and top of foam should be wetted.  
Continue to shake the can from time to time during application  
Leave the straw for the next application, otherwise clean the valve with a solvent like acetone.  
Fresh foam can be cleaned with foam cleaner or a solvent like acetone.

### Application Conditions

Consistency : non-sag  
Application temperature : +5 °C - +40 °C  
Set time (initial / for contact) : minimum 20 minutes  
Set time (formation of surface film) : minimum 35 minutes

## CONSUMPTION

Changes according to application type and surface

## PACKAGING AND STORAGE

Gross 840gr aerosol cans. 16 cannisters in a box.  
12 months if stored in a cool and dry environment in upright position between 10°C and 30°C .

## SAFETY PRECAUTIONS

To protect from direct sunlight, the foam must be painted or covered with a sealant. It is not possible to provide strong adhesion on teflon, PE and PP plastics.  
It contains difenylmethane -4,4 diisocyanate. If inhaled for long periods, it may cause sensitivity on respiratory organs. If the wet foam contacts the skin for long periods, it may cause local rash and sensitivity on the skin. Therefore, the environment should be well-ventilated during the application, contact with the skin should be avoided and protective gloves and safety goggles should preferably be worn.

## TECHNICAL DATA

Density 18 -20 kg/m<sup>3</sup>  
Yield: 55-60 litres /1000ml  
Fire Rate (DIN 4102): B3  
Shrinkage: Max %5  
Expansion: %50 -80  
Tack-Free Time 8 -10 minutes  
Cutting Time : 25 -35 minutes  
Full drying time: 8 -16 hours  
Colour: Light Yellow  
Thermal Stability: between -50°C and +100°C  
Compression strenght: min 3N/mm<sup>2</sup>  
Cutting strenght: min 3 N/mm<sup>2</sup>  
Thermal Conductivity: 0,030 W / m K  
Water absorbtion: max.%20  
Flash point (cured foam): >400C  
Closed cell ratio: >%70

The above values are given at +20°C and for 50% relative humidity.  
High temperatures shorten the time, low temperatures prolong the time.









# TAPES & BANDS





# EBUFIX CHAMFER BAND

THERMOPLASTIC ELASTOMER BASED  
WATERPROOFING BAND

H.S:760429900000



## DESCRIPTION

EBUFIX CHAMFER BAND is a thermoplastic elastomer-based, elastic, polyester mesh carrier joint insulation band used in corner insulation on structural cold joints and wet floors.

## USAGE AREAS

- In wet areas, Structural joints,
- In terraces and parapets,
- In water tanks and pools,
- In roof compositions,
- In treatment plants,
- It is used to insulate cold joints formed in flooring and curtains.

## CHARACTERISTICS

- It is elastic, it is resistant to tearing and abrasion.
- It is resistant to many chemicals.
- It is suitable for use with all sliding insulation materials based on bitumen, cement and resin.
- It is resistant to UV and ozone.
- It is resistant to microorganisms.
- It's not poisonous.
- It is used on all horizontal and vertical surfaces.

## APPLICATION METHOD

### Surface Preparation

- The joint surface to be applied should be free from dust, oil, paint, curing and other substances.
- The surface should be flat and level.

### Application

- The first layer of waterproofing material is applied on the cold joint.
- EBUFIX CHAMFER BAND is placed on top of the fresh waterproofing material and buried.
- By pressing with a brush, the mesh parts are covered thoroughly with waterproofing material.
- After the first layer is dried, the application is completed with additional layer insulation material.



## PACKAGING AND STORAGE

In 50 meter rolls.

In its original packaging, it has an unlimited shelf life when stored in ventilated, dry and protected environments at +5°C / +25°C, protected from sun, rain and frost.

## SAFETY PRECAUTIONS

During mixing and application, skin and eye contact of the product should be prevented, washed with water in case of contact, and a doctor should be consulted in case of eye contact.

## TECHNICAL DATA

Structure	Polyester mesh and Thermoplastic Elastomer (TPE)
Thickness	0,60 mm
Dimension	120x70 mm
Elongation	~ 150%
Resistance to water pressure	2 bar
UV resistance	Full
Service temperature	-40°C / +90°C
Tear strength	1,5 bar

The above values are given at +20°C and for 50% relative humidity. High temperatures shorten the time, low temperatures prolong the time.



# EBUFIX BUTYL BAND

GEOTEXTILE COATED BUTYL BANDS

H.S:760429900000



## DESCRIPTION

It is a butyl-based, self-adhesive joint insulation band used in corner insulation on structural cold joints and wet floors, the upper part of which is covered with non-woven felt, divided in half

## USAGE AREAS

- Many different surfaces such as concrete, ceramic, plastic, glass, metal, wood, bitumen, polycarbonate, gypsum boards,
- In wet areas,
- In indoor tiles, ceramics, plate coatings,
- At ground-wall junctions.

## CHARACTERISTICS

- It is self-adhesive, easy to apply.
- It is highly adhesive.
- It is elastic.
- It is 100% waterproof.
- It is suitable for use on many surfaces such as bitumen, cement and ceramics.
- It is suitable for use even at low temperatures.

## APPLICATION METHOD

### Surface Preparation

- The joint surface to be applied should be free from dust, oil, paint, curing and other substances that will prevent adhesion.
- The surface should be firm, flat and dry.

### Application

- The silicone paper layer on the back of the band is peeled off and pressed by a roller or hand to ensure full adhesion to the surface.
- The overlap of the band should be 5 cm..
- Insulation material is applied on it.
- The material must be protected from direct UV rays.

## DIMENSIONS

BUTYL BAND	Width (mm)	Thickness (mm)
• BUTYL 50	50	1
• BUTYL 100	100	1
• BUTYL 120	120	1
• BUTYL 150	150	1



## PACKAGING AND STORAGE

In its original package, it has a shelf life of at least one year when stored in ventilated, dry and protected environments at +5°C / +25°C, protected from sun, rain and frost. The material is not affected by frost, but at temperatures above +50°C, it becomes difficult to separate the material from the silicone paper layer.

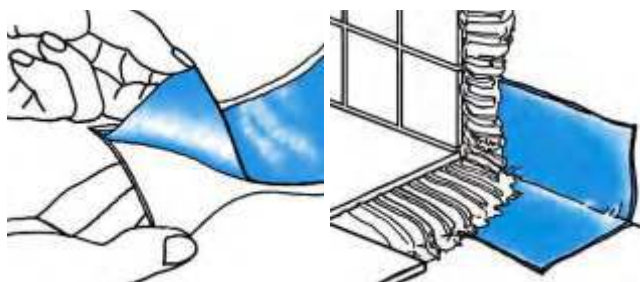
## SAFETY PRECAUTIONS

Protective gloves, glasses, clothing should be used during application. Contact of the product with eyes and mouth should be avoided. If swallowed, a doctor should be consulted.

## TECHNICAL DATA

Chemical structure	Butyl
Dry matter	100%
Solvent	Free
Application temperature	0°C / +40°C
Service temperature	-30°C / +90°C
Elongation	> 70% (EN 12311-1)
Resistance to water pressure	0.2 bar (EN 1928-B)
Peeling test	≥ 90 N/50mm (ASTM D100)
Vertical yield	0 (ISO 7390)
Tensile strength	>100 N/50mm (EN 12311-1)

The above values are given at +20°C and for 50% relative humidity. High temperatures shorten the time, low temperatures prolong the time.







# EBUFIX INFLATABLE BAND

ACRYLIC-BENTONITE-POLYMER INFLATABLE BAND

H.S:760429900000



## DESCRIPTION

Acrylic, Bentonite, Polymer swelling bands are joint bands that swell and provide insulation by expanding the volume hydrophilically when in contact with water.

## USAGE AREAS

- It is used in all kinds of construction joints, tunnel segment joints, shaft and collectors, pipe transitions, prefabricated structure joints, cable duct joints.

## CHARACTERISTICS

- It is elastic, It is resistant to tearing and abrasion.
- It is resistant to chemicals such as petroleum and oil.
- Resistance to seawater, treatment water, sewage water.
- It does not contain bentonite.
- It is resistant to microorganisms.
- It is used on all horizontal and vertical surfaces.
- It is not affected by freezing and thawing.
- It does not cause corrosion, oxidation.

## APPLICATION METHOD

### Surface Preparation

- The surface to be applied should be free from dust, cement particles, oil, paint, curing and other substances. The presence of rain or water on the surface during the application causes the band to expand prematurely.
- Therefore, the surface must be dry

### Application of Adhesive

- Polyurethane, epoxy, or MS polymer based mastics and adhesives are suitable for bonding acrylic, bentonite, and polymer swelling bands to the surface.
- The adhesive should not be fully dried (tack-free) before starting the application.
- Adhere a tape to the adhesive when it is half wet.
- Nailing can be done on uneven or vertical surfaces if needed.

### Application

- Acrylic, bentonite, polymer swelling band are placed on the adhesive and in the middle of the application surface.
- The band end points are joined by direct splicing or by making 5 cm overlapping at the splices.



## PACKAGING AND STORAGE

In the original package, in ventilated, dry and protected environments at +5°C / +25°C, shelf life is at least 3 years from the date of manufacture when stored protected from sun, rain and frost.

Inflatable Bands	Roll length	Box
H 20x5	10 m	8 rulo = 80 m
H 20x10	12 m	6 rulo = 72 m
H 20x25	5 m	5 rulo = 25 m

## SAFETY PRECAUTIONS

Protective gloves, glasses, clothing should be used during application. Contact of the product with eyes and mouth should be avoided. If swallowed, a doctor should be consulted.

## TECHNICAL DATA

Structure	Acrylic - hydrophilic resin, Rubber
Density	1.25 ± 0.02 (ASTM D471)
Color	Black or red
Hardness (Shore A)	~ 40 (ASTM D2240)
Elongation at Break	500-780%
Tensile strength	1.1 - 2.0 N/mm <sup>2</sup> (ASTM D412)
Water Pressure Resistance	5 Bars
Service Temperature	-30°C / +80°C

The above values are given at +20°C and for 50% relative humidity. High temperatures shorten the time, low temperatures prolong the time.



# EBUFIX TPE-EPDM

THERMOPLASTIC/EPDM ELASTOMER BASED  
DILATATION BAND

H.S:760429900000



## DESCRIPTION

EBUFIX BAND TPE / EPDM, are dilatation bands used in the closure and insulation of expansion and construction joints.

## USAGE AREAS

- It is used in building joints, dilatation joints, tunnel segment joints, cold joints, water tanks, terrace roof compositions, treatment facilities.

## CHARACTERISTICS

- It is elastic.
- It is resistant to tearing and abrasion.
- It is chemical resistant.
- It is suitable for use with bitumen.
- It is UV resistant.
- It is resistant to microorganisms.
- It is not poisonous. It can be used in drinking water.
- The edges are perforated for good adhesion.
- It is used on all horizontal and vertical surfaces.

## APPLICATION METHOD

### Surface Preparation

- The surface to be applied should be free from dust, oil, paint, curing and other substances. the surface should be flat and level.

### Filling of Joints

- Joints that will remain under the band should be masticated with appropriate joint fillers. Before starting the application, care should be taken that the mastic has completed its curing.

### Application

- Epoxy-based adhesive is applied to the outer surface of the dilatation-expansion joints. Epoxy-based adhesive is also applied to the lower edges of the NOTTEFIX BAND TP/EPDM band.

## CONSIDERATIONS

- Adhesive should not be smeared on the flexible middle part of the band. Otherwise, the band will lose its flexibility

## PACKAGING AND STORAGE

In 25 meter rolls..

In its original packaging, it has an unlimited shelf life when stored in ventilated, dry and protected environments at +5°C / +25°C, protected from sun, rain and frost.



## DIMENSIONS

EBUFIX BAND	Width (mm)	Thickness (mm)
TPE-EPDM	15/1	15/1
TPE-EPDM 15/1,5	15	1,5
TPE-EPDM 20/1	20	1
TPE-EPDM 20/1,5	20	1,5
TPE-EPDM 25/1	25	1
TPE-EPDM 25/1,5	25	1,5
TPE-EPDM 30/1	30	1
TPE-EPDM 30/1,5	30	1,5

## TECHNICAL DATA

Structure	Thermoplastic Polyethylene (TPE)
Color	Gray
Hardness	80 Shore A
Elongation	600%
Resistance to water pressure	> 8 bars
UV resistance	Full
Service temperature	-30°C - +90°C
Tensile strength	> 6 N/mm <sup>2</sup>
Tear strength	> 600 N/cm

## TECHNICAL DATA

Structure	EPDM Dilatation Band
Color	Black
Service Temperature Value	-40/+120°C
Value of Elongation at Break	480%
Tear strength	> 80 N/mm
Resistance to Water Pressure	> 8 bar
Tensile Strength	> 7,5 Mpa
Static Load Resistance	> 15 kg
Waterproofing	> EN1928W1
UV resistance	> EN1844 High
Ozone Resistance	> EN1844 High
Sulfuric Acid Resistance	Good
Alcohol Resistance	Good

The above values are given at +20°C and for 50% relative humidity.  
High temperatures shorten the time, low temperatures prolong the time.



TAPES & BANDS

ebuchem  
CONSTRUCTION CHEMICALS





# EBUFIX RETAINING BAND

PVC BASED WATER RETAINING BAND

H.S:760429900000



## DESCRIPTION

PVC water retaining bands are modified PVC based flexible water retainers produced in special sections that ensure the sealing of construction and expansion joints when concrete is poured.

Depending on their area of use, they are supplied in different sizes and bands.

## USAGE AREAS

- Dams,
- Tunnels,
- Ponds,
- Irrigation channels,
- Water tanks,
- Swimming pools,
- Docks,
- Bridges,
- Treatment plants,
- Metro construction,
- Viaducts,
- Retaining walls,
- In foundations and floors.

## CHARACTERISTICS

- It can be easily cut and easily welded.
- It can be fixed to the rebar.
- It can be applied in multi-combinational details.
- It keeps water leaks in a certain area.
- Fabrication composite parts can be produced.

## TECHNICAL DATA

Chemical Structure	Modified Polyvinyl Chloride
Density	1,27 g/cm <sup>3</sup>
Service temperature	-35°C , +55°C
Tensile strength	> 12N / mm <sup>2</sup>
Shore A Hardness	86
Elongation of Rupture	> 200%
Water Absorption Rate	No more than 1.5% (by mass)
Ash Ratio	No more than 5.0% (by mass)

The above values are given at +20°C and for 50% relative humidity.  
High temperatures shorten the time, low temperatures prolong the time.







# **SYSTEM GRAPHICS**



# CAR PARKING SMOOTH SURFACE



## FLOORING MATERIALS



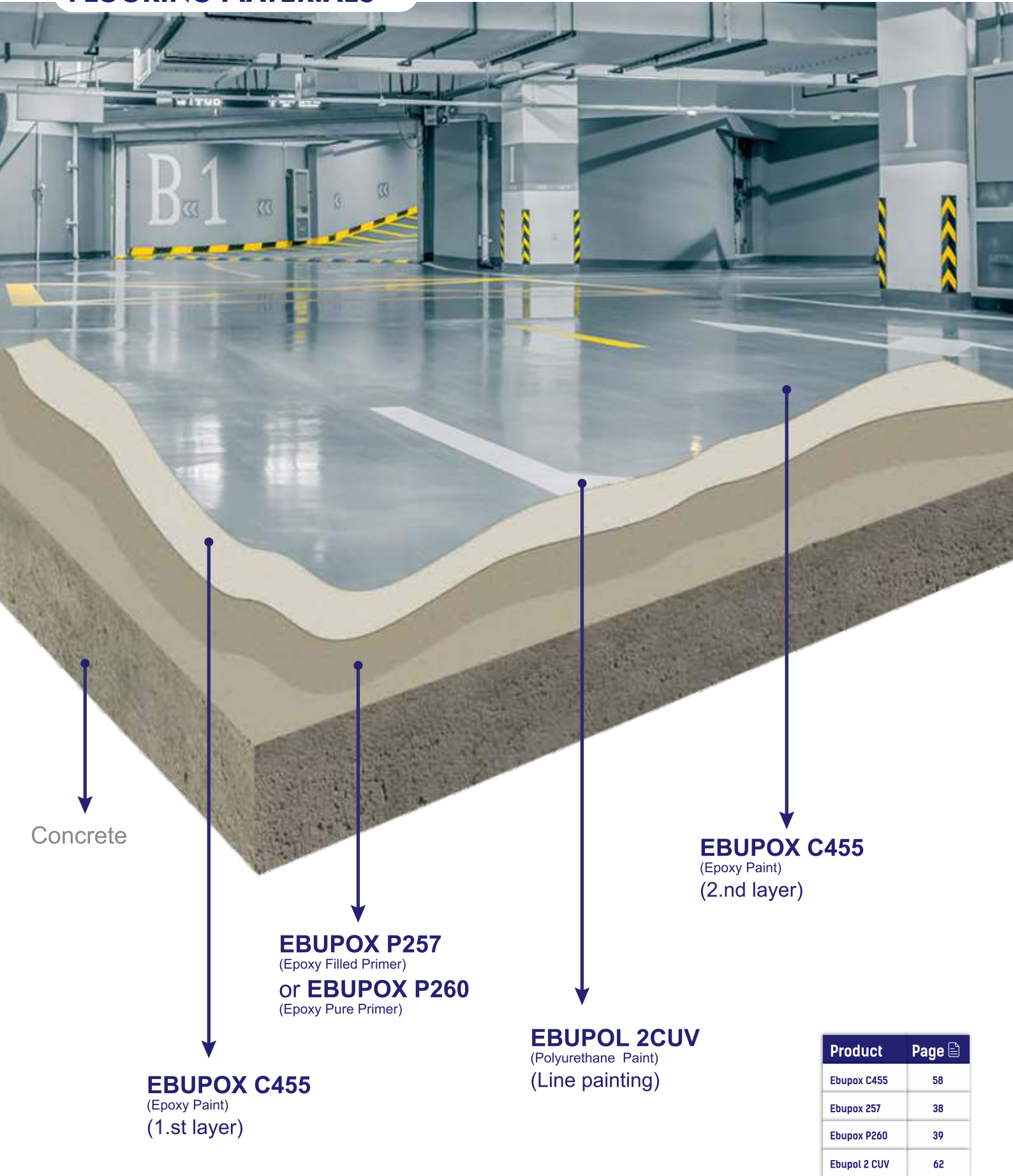
Product	Page
Ebupol 2 CUV	62
Ebupox P257	38
Ebupox P260	39
Ebupox SL610	70
Ebupox C456	59




# EPOXY COATING SYSTEM



## FLOORING MATERIALS




Product	Page 
Ebupox C455	58
Ebupox 257	38
Ebupox P260	39
Ebupol 2 CUV	62

# CAR PARKING RAMP



## FLOORING MATERIALS

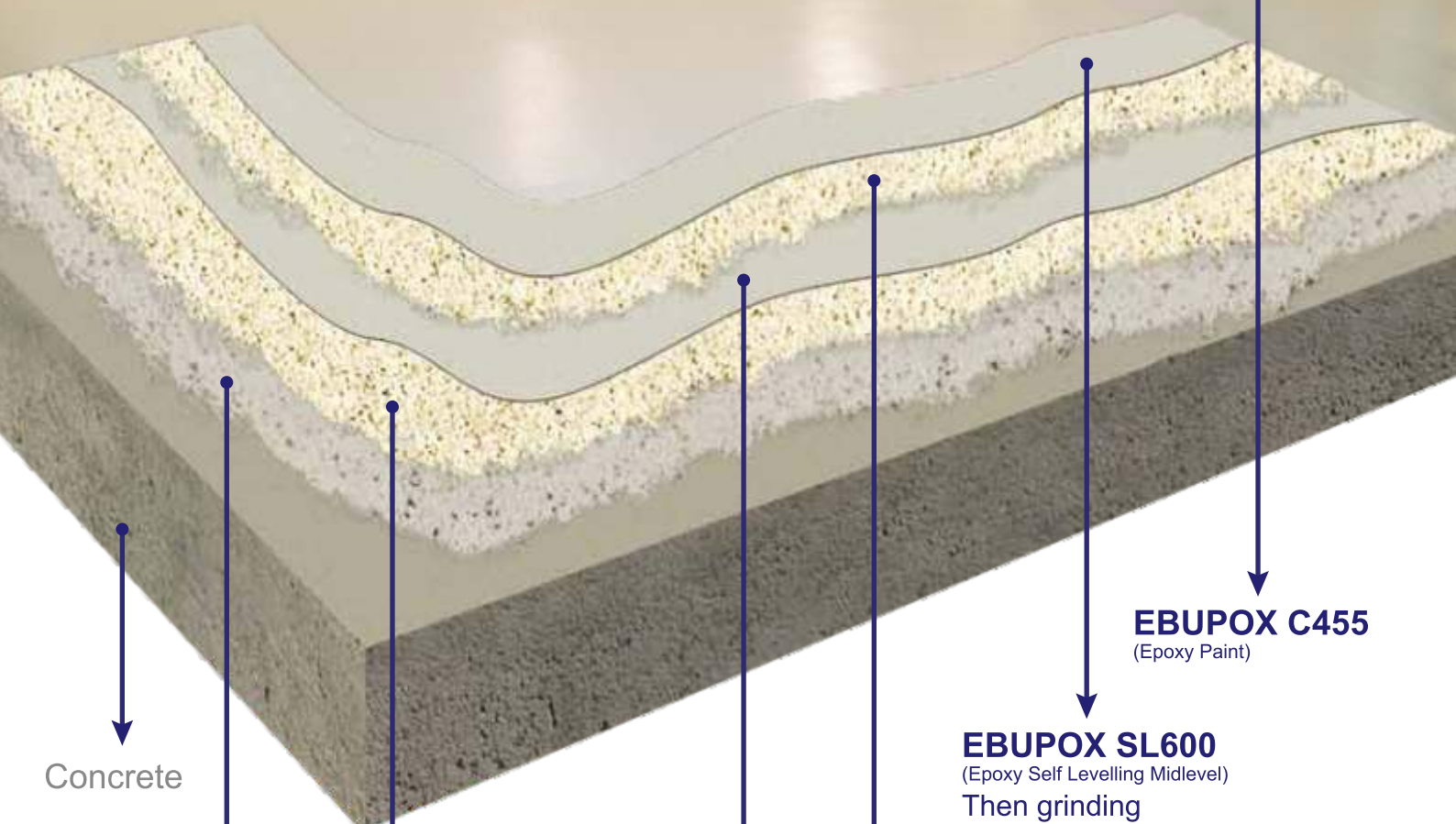


Product	Page 
Ebupol 2 CUV	62
Ebupox P260	38
Ebupox C455	58

# EPOXY MULTILAYER SYSTEM



## FLOORING MATERIALS



Concrete

**EBUPOX P260**  
(Epoxy Pure Primer)  
**+QUARTZ SPREAD**  
(0.100-0.300mm)


**QUARTZ SPREAD**  
on the layer (0.200-0.500mm)  
Then grinding

**EBUPOX SL610**  
(Epoxy Self Levelling Midlevel)

**QUARTZ SPREAD**  
on the layer (0.200-0.500mm)  
Then grinding

**EBUPOX SL600**  
(Epoxy Self Levelling Midlevel)  
Then grinding

**EBUPOX C455**  
(Epoxy Paint)

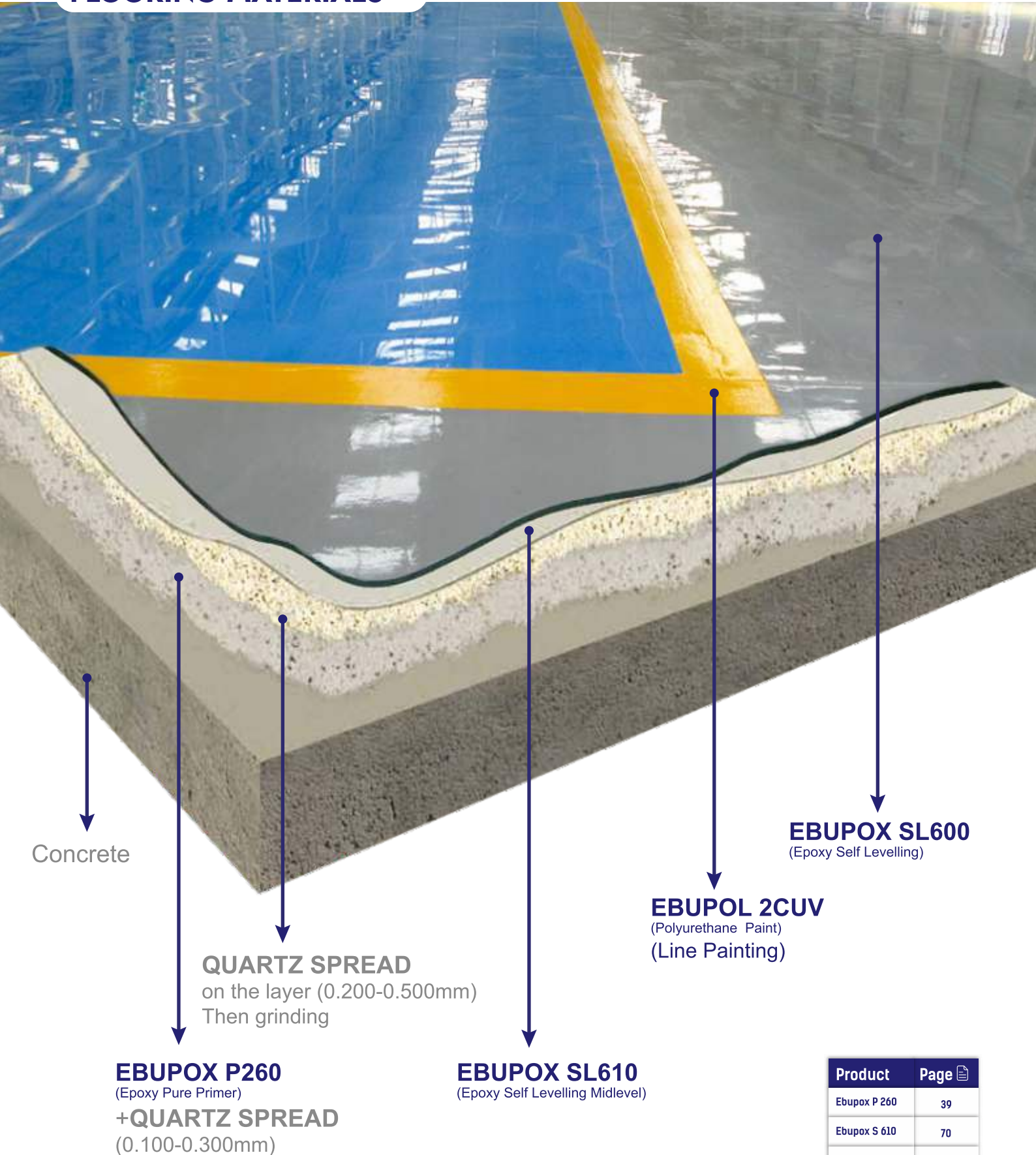
Product	Page 
Ebupox P 260	39
Ebupox S 610	70
Ebupox SL 600	71
Ebupox C 455	58




# EP SELF-LEVELLING SYSTEM



## FLOORING MATERIALS



Product	Page 
Ebupox P 260	39
Ebupox S 610	70
Ebupol 2 CUV	62
Ebupox SL 600	71

# PU SELF-LEVELLING SYSTEM



## FLOORING MATERIALS




Concrete

**EBUPOX P260**  
(Epoxy Pure Primer)  
**+QUARTZ SPREAD**  
(0.100-0.300mm)

**EBUPOL 2CUV**  
(Polyurethane Paint)  
(Line Painting)

**EBUPOL SL700**  
(Polyurethane Self Levelling)

Product	Page 
Ebupox P 260	39
Ebupol 2 CUV	62
Ebupol SL 700	73

# ELASTIC PU SELF LEVELLING SYSTEM



## FLOORING MATERIALS



Concrete

**EBUPOX P260**


(Epoxy Pure Primer)

**+QUARTZ SPREAD**

(0.100-0.300mm)

**EBUPOL SL710**

(Polyurethane Elastic Self Levelling)

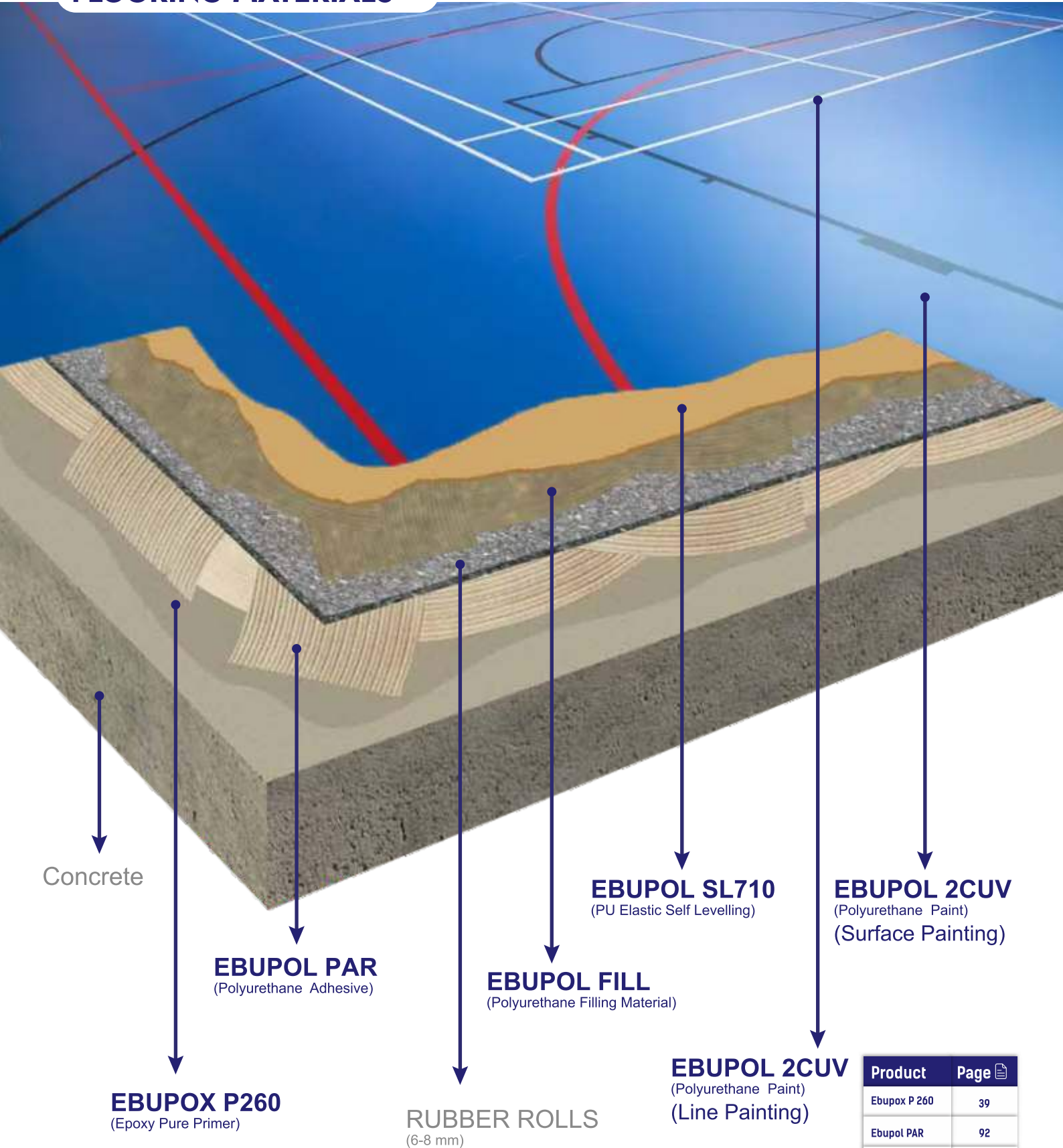
Product	Page 
Ebupox P 260	39
Ebupol SL 710	74



# SPORT FLOORING SYSTEM



## FLOORING MATERIALS

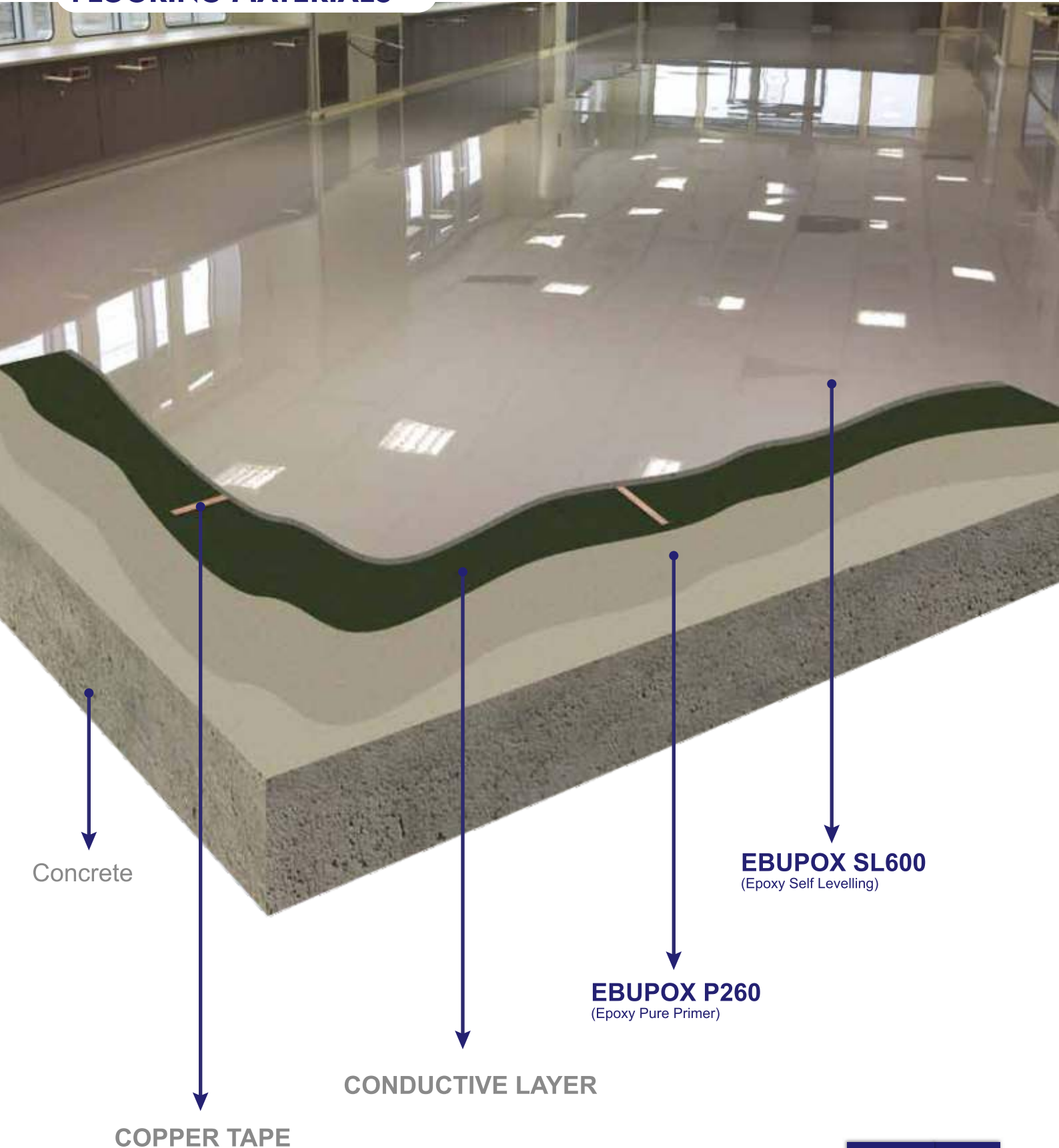



Product	Page
Ebupox P 260	39
Ebupol PAR	92
Ebupol FILL	95
Ebupol SL 710	74
Ebupol 2 CUV	62

# CONDUCTIVE FLOORING SYSTEM



## FLOORING MATERIALS

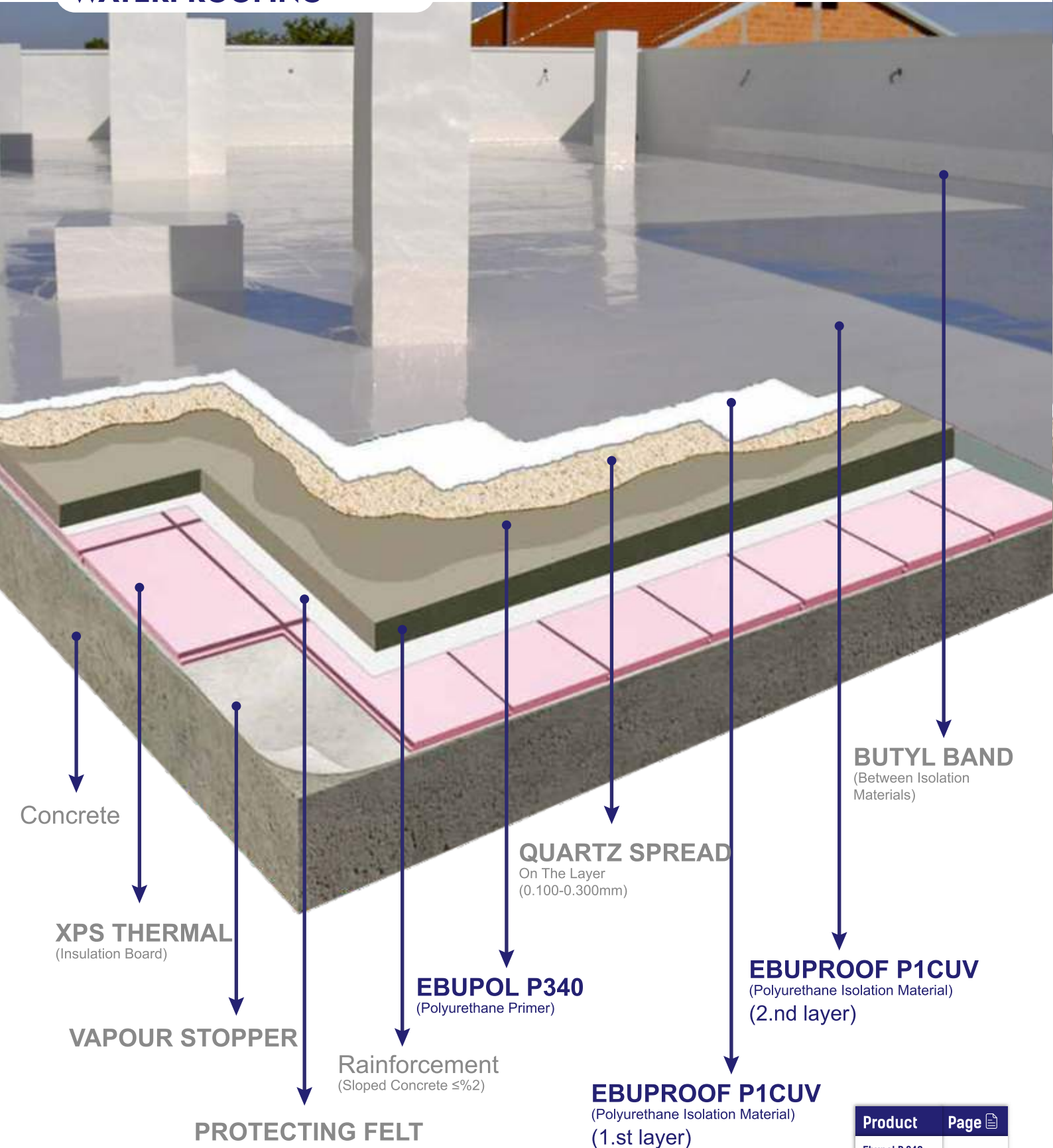



Product	Page 
Ebupox SL 600	71
Ebupox P 260	39

# TERRACE ISOLATION SYSTEM (PU MATERIAL)



## WATERPROOFING



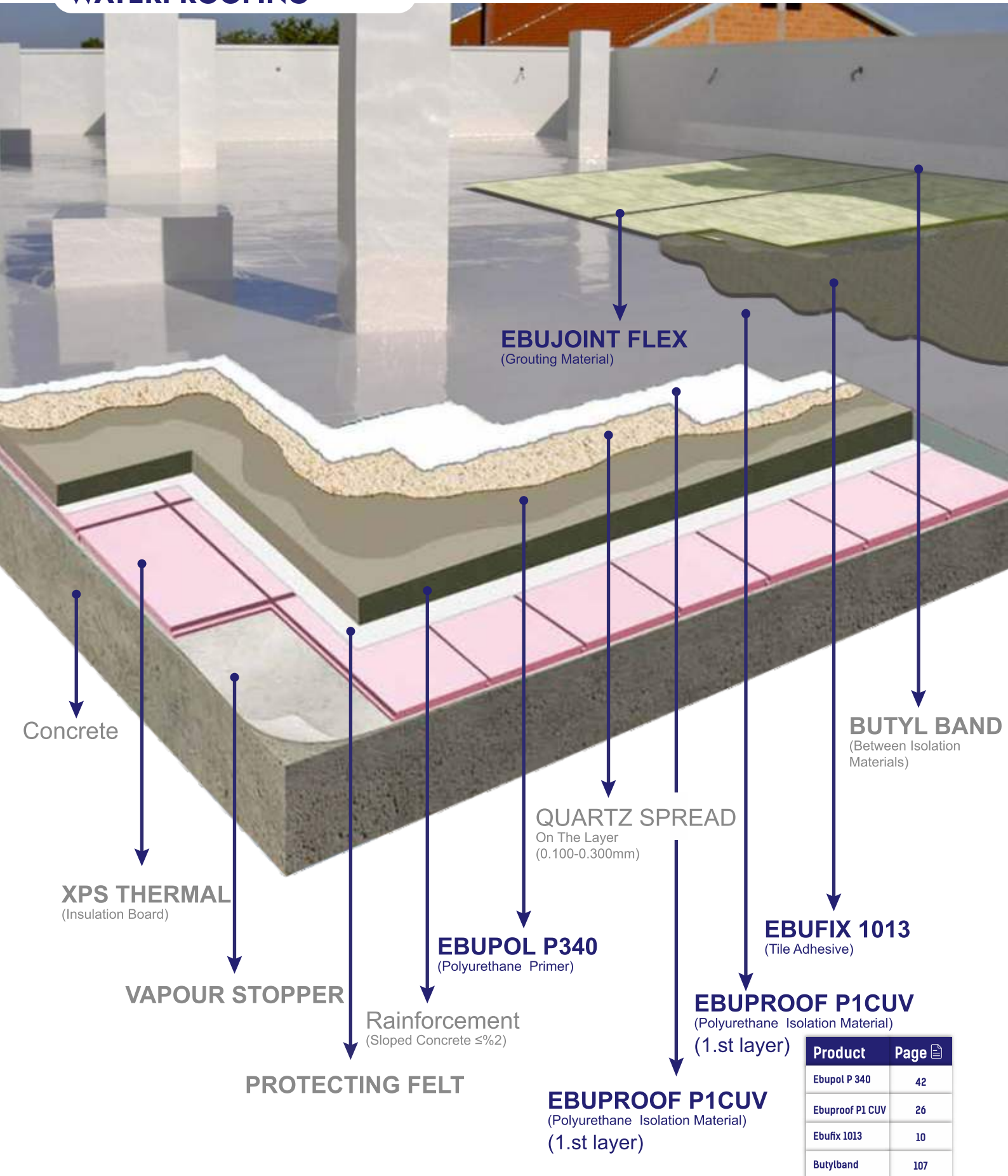
Product	Page 
Ebupol P 340	42
Ebuproof P1 CUV	26
Butylband	107



# TERRACE ISOLATION SYSTEM (WITH TILE APPLICATION)



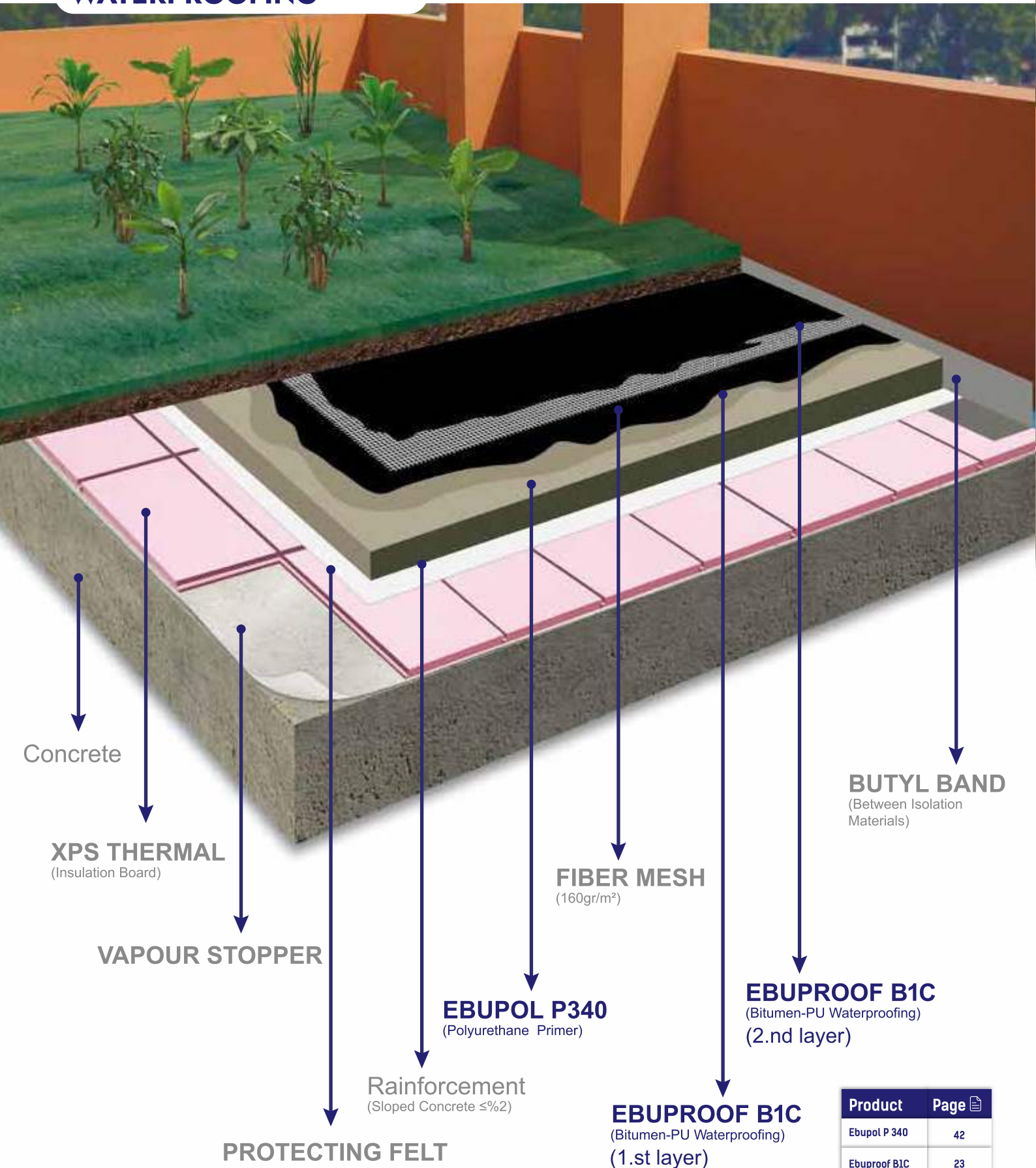
## WATERPROOFING



# TERRACE ISOLATION SYSTEM (ON THE GREEN)



## WATERPROOFING



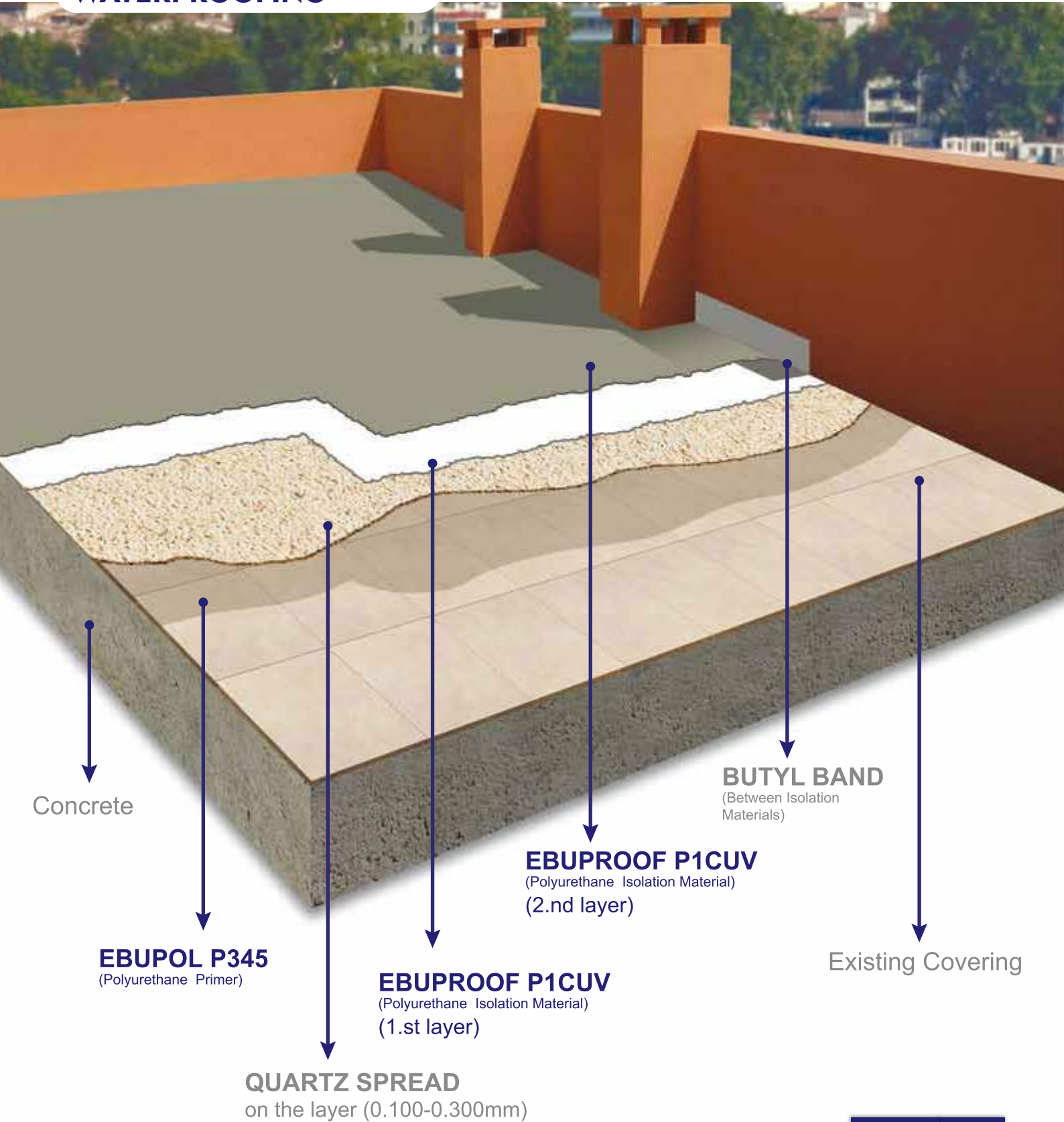
Product	Page
Ebupol P 340	42
Ebuproof B1C	23
Butylband	107




# OVER COVERING ISOLATION SYSTEM



## WATERPROOFING



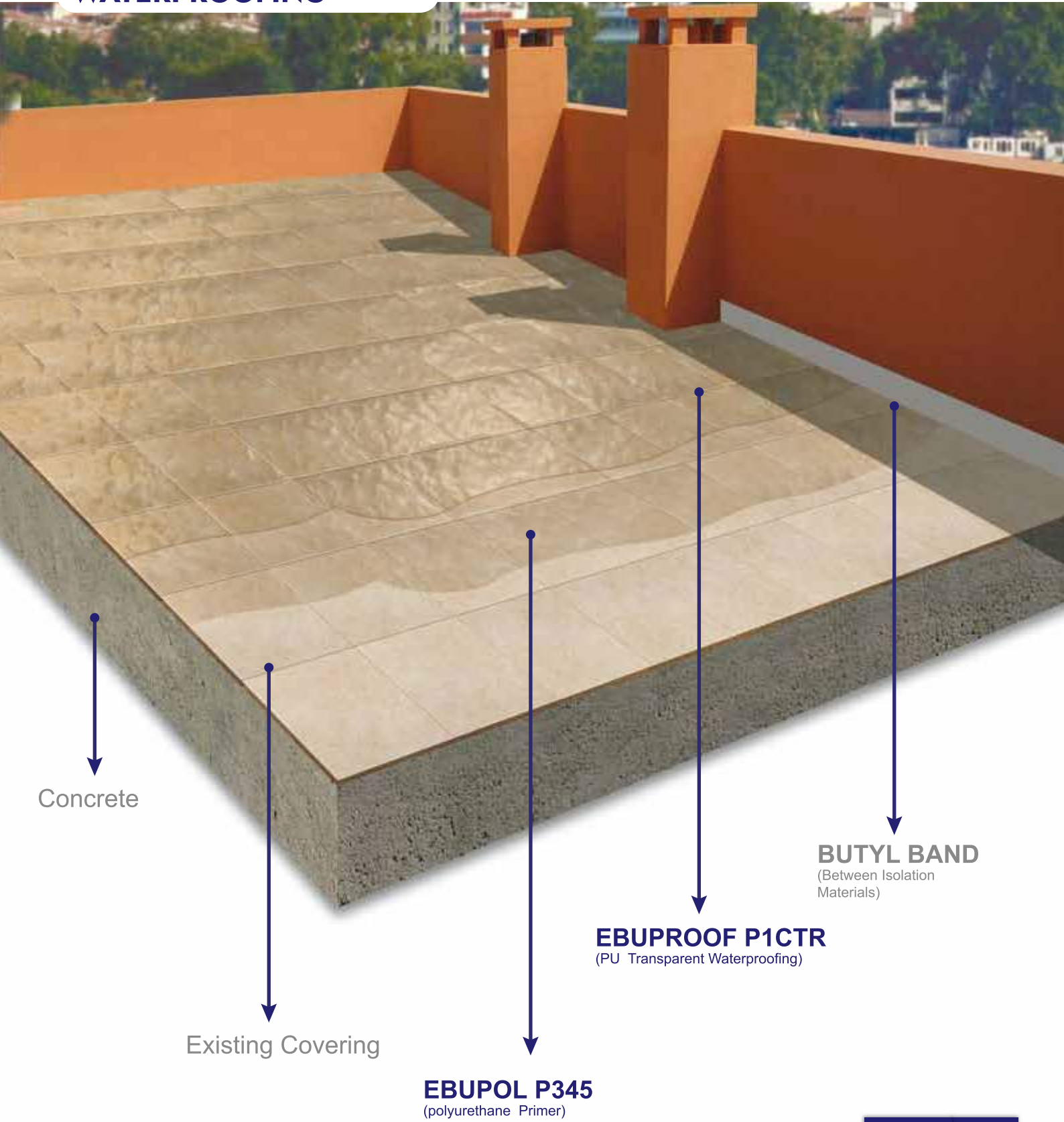
Product	Page 
Ebupol P 345	43
Ebuproof P1 CUV	26
Butylband	107




# OVER COVERING ISOLATION SYSTEM (TRANSPARENT)



## WATERPROOFING

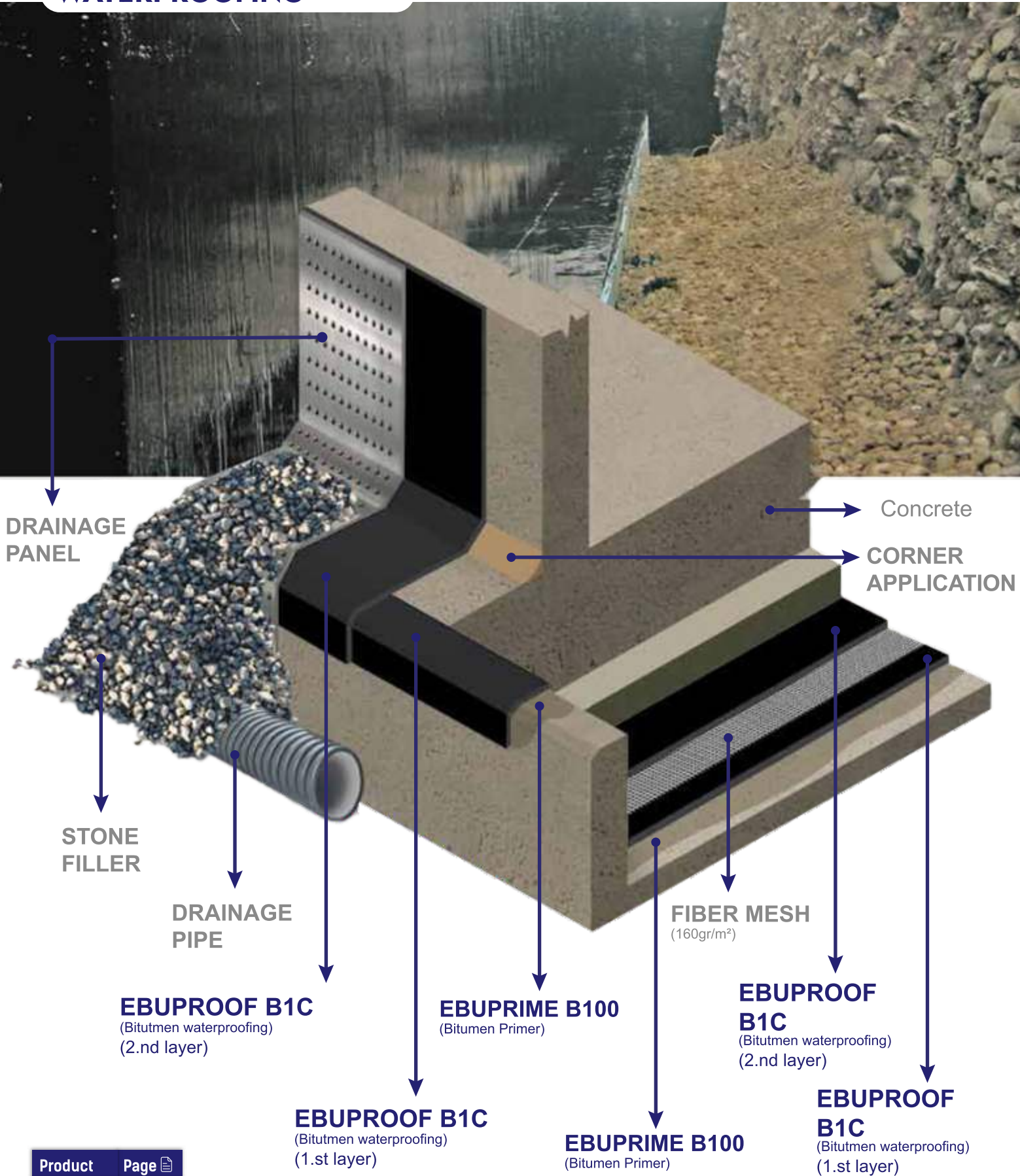


Product	Page 
Ebupol P 345	43
Ebuproof P1 CTR	27
Butylband	107

# FOUNDATION ISOLATION SYSTEM



## WATERPROOFING



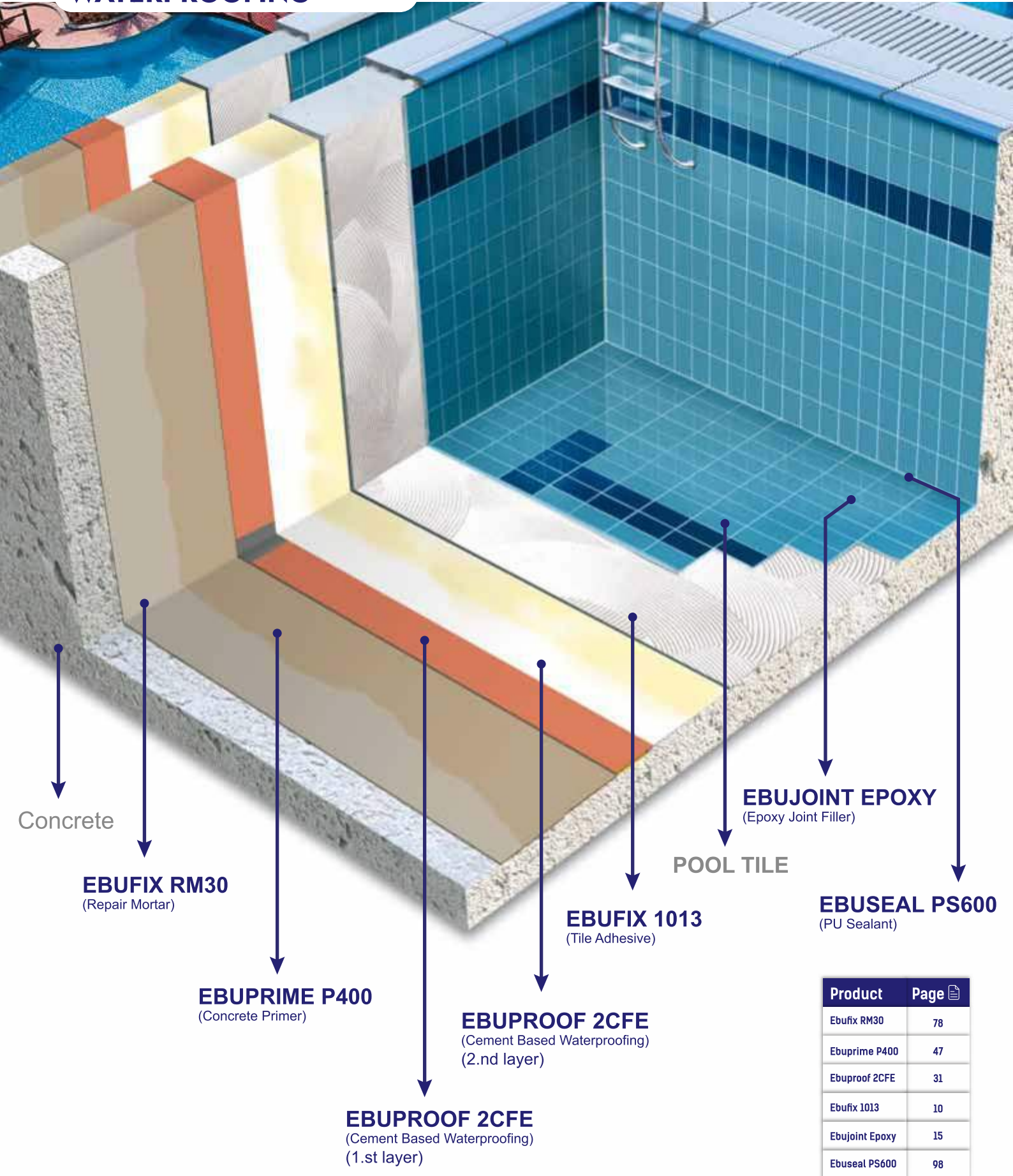
Product	Page
Ebuproof B1C	23



# POOL ISOLATION SYSTEM



## WATERPROOFING



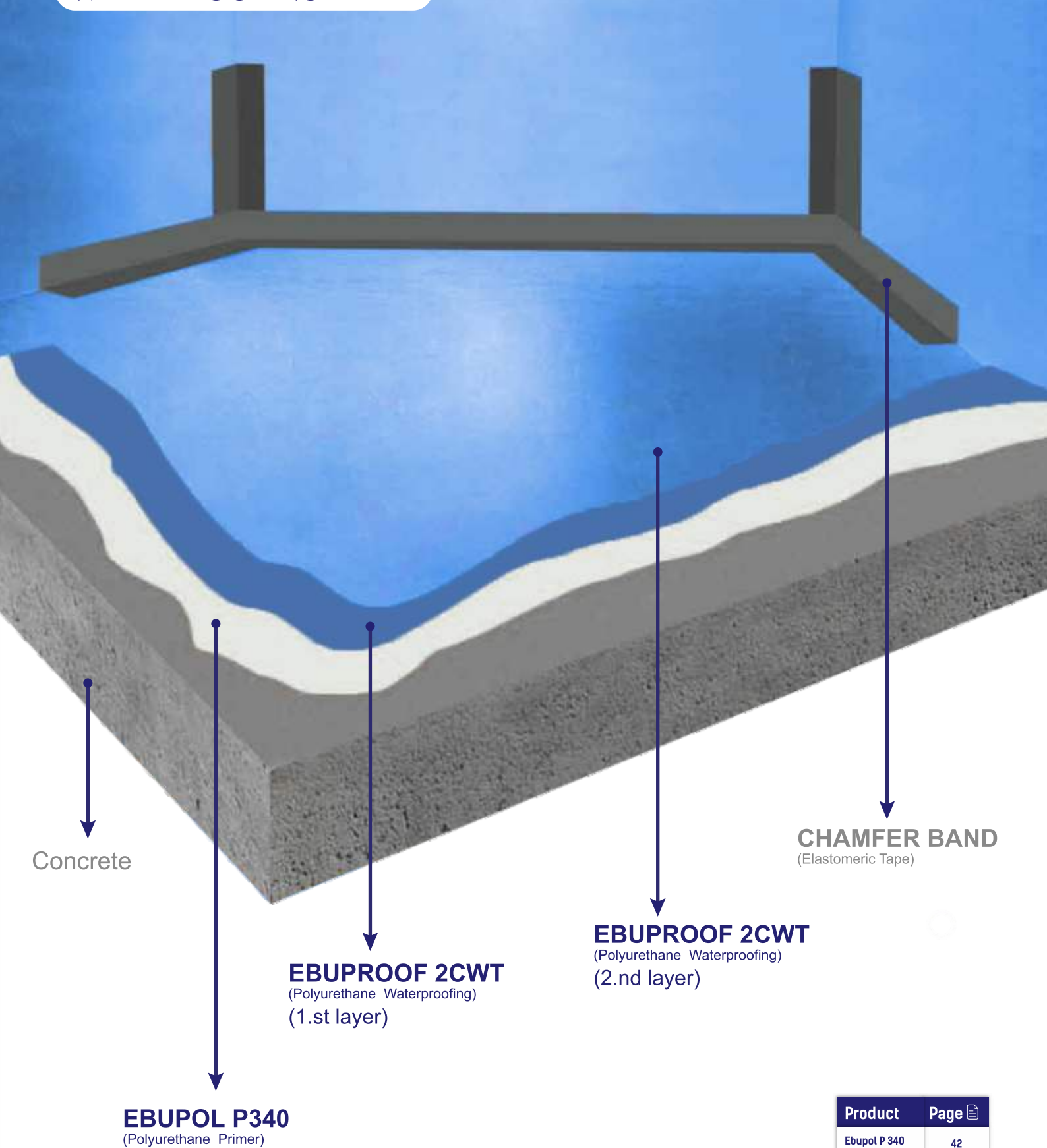
Product	Page
Ebufix RM30	78
Ebuprime P400	47
Ebuproof 2CFE	31
Ebufix 1013	10
Ebujoint Epoxy	15
Ebuseal PS600	98




# WATER TANK ISOLATION SYSTEM



## WATERPROOFING



Product	Page 
Ebupol P 340	42
Ebuproof 2CWT	28
Chamfer Band	106

# TILING IN WET AREAS SYSTEM



## WATERPROOFING



Concrete


**EBUPRIME P400**  
(Concrete Primer)

**EBUPROOF 2CFE**  
(Cement Based Waterproofing)  
(1.st layer)

**EBUPROOF 2CFE**  
(Cement Based Waterproofing)  
(2.nd layer)

**EBUFIX 1002/1013**  
(Tile Adhesive)

FLOOR TILE

Product	Page 
Ebuprime P400	47
Ebuproof 2CFE	31
Chamfer Band	106
Ebufix 1002	8
Ebujoint FLEX	14









# PRODUCTS CATALOGUE



Çengelköy Mah. Suyolu Çıkmaı Sk. No:22/1  
Üsküdar / İstanbul / Türkiye  
Tel: +90 216 688 56 56  
[www.ebuchem.com](http://www.ebuchem.com)