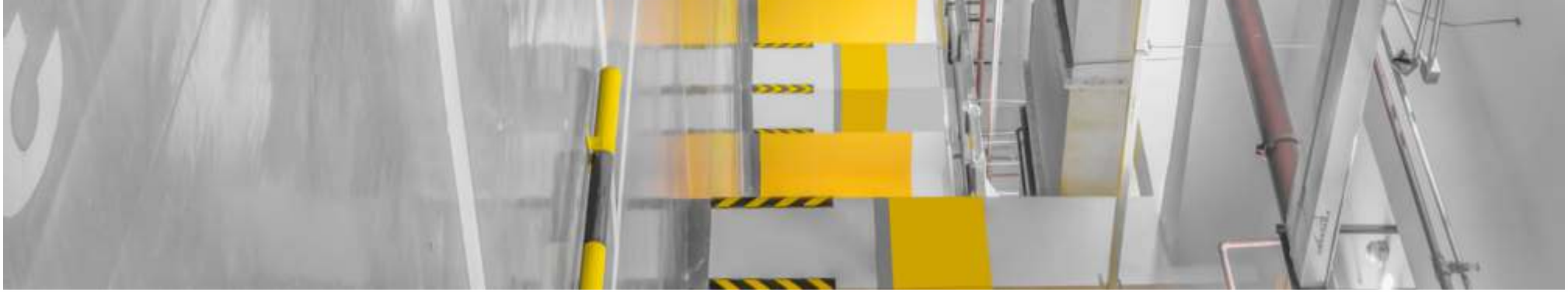


FLOORING MATERIALS

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 /m² 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 / mm²
Application temperature	≥ 1 N / mm²
Working time	5 - 15 minutes
Setting start	1 hour (20°C)
Setting end	4 hours (20°C)
Pressure N / mm² (28 days)	4 hours (20°C)
Bending N / mm² (28 days)	7 N/ mm²

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 a 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 / m² 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.

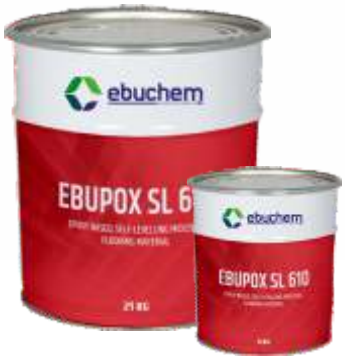
SAFETY PRECAUTIONS

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 / mm²
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 / mm²> 35
Bending	N / mm²> 7

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 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 aftver 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/m²
Before epoxy self levelling last coat application

PACKAGING AND STORAGE

24 kgTin (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

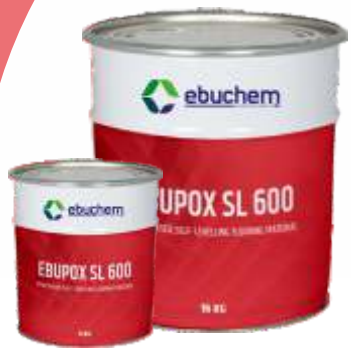
Density (gr/ cm³)	1,80
Viscosity	1500 mPa.s (+ 23°C)
Abrasion Resistance (mg, 7 days old)	40-45
Compressive Strength (N/ mm²)	> 40
Bending Strength (N/ mm²)	> 34
Adhesion to concrete (N/ mm²)	> 4
Container life at 25 °C (minutes)	20
Initial Curing	24 hours
Final Curing	7 days

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 applica-
- tion.
  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/m²
(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.

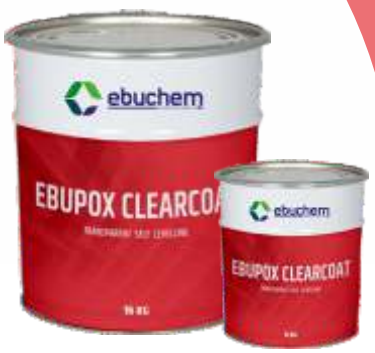
SAFETY PRECAUTIONS

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/ cm³)	1,50
Viscosity	1200 mPa.s (+ 23°C)
Abrasion Resistance (mg, 7 days old)	40-45
Compressive Strength (N/ mm²)	> 50
Bending Strength (N/ mm²)	> 34
Adhesion to concrete (N/ mm²)	> 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 /m² 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

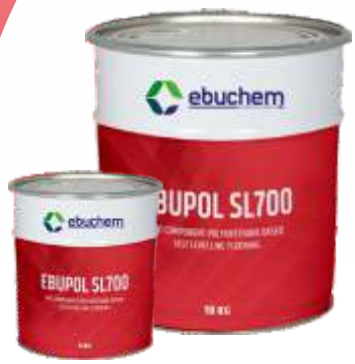
Shade /Colors:	Transparent
Finish:	High Gloss
Volume solids %:	100 %
Theoretical spreading:	1 M²/ liter. (1 mm dry film thickness)
Recommended DFT:	Between 1-7 mm
Flash point:	130 ° C. /266 °F
VOC :	10 g/ltr
Specific gravity:	1.6 kg/liter
Surface dry:	1 approx. hour(s) 20°C/68°F
Dry to touch:	2 - 4 hour(s) 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/m²
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 applica tion conditions and surface characteristics.

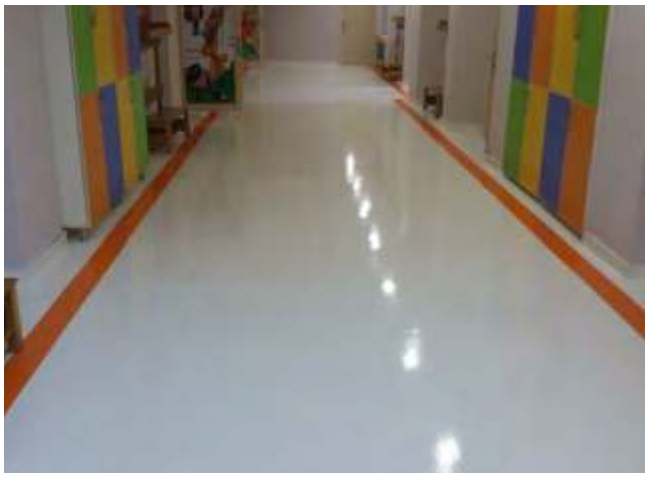
SAFETY PRECAUTIONS

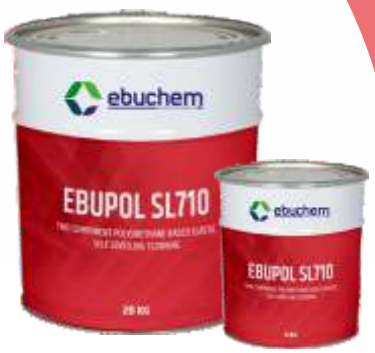
No smoking, open flames, or inadequate ventilation during application. Wear appropriate work attire, goggles, masks, and protective gloves as per safety regulations. Rinse eyes with water if contacted and seek medical attention. Refer to the Safety Data Sheet (SDS) for further handling information.

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/cm³
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/mm²
Tensile Strength	≥ 50 N/mm²
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/(m².h$^{0.5}$)
Permeability to CO2	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.





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/m²
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.

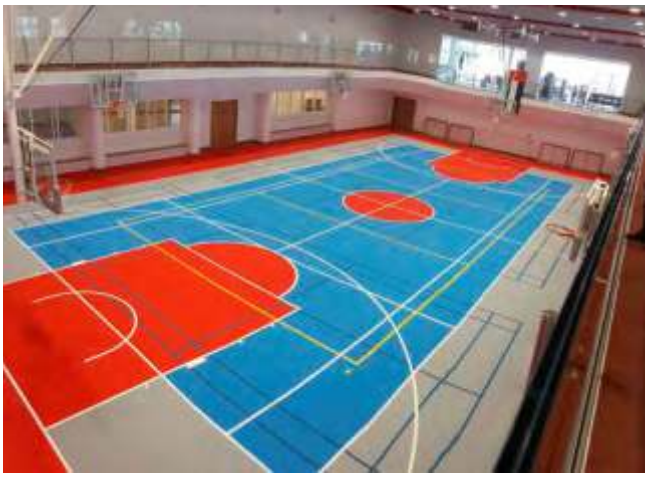
SAFETY PRECAUTIONS

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/cm³
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/mm²
Tensile Strength	≥ 50 N/mm²
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/(m².h$^{0.5}$)
Permeability to CO2	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 / m²
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/cm³

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