EN

Eposurface EB 722

Construction Chemicals > Floor Coverings > Epoxy Based

It is a solvent-free, epoxy-based, two-component corrosion-resistant coating specifically developed to protect concrete and steel.

Fields of Application

- For use in indoor environments, both vertical and horizontal applications
- In metal or concrete tanks
- As a chemical-resistant gas and vapor barrier coating on walls
- In oil and fuel storage tanks
- In power stations, sugar factories, hangars, and liquid storage areas
- In the beer, wine, and dried fruit industries
- In the dairy industry
- In the meat and fish industry
- In the pharmaceutical, paint, and paper industries
- Cafeterias and hygienic environments

Advantages

- Has a glossy surface
- Possesses antibacterial properties
- Easily cleaned to create hygienic environments
- Has high mechanical strength
- Has elasticity to absorb movements on metal surfaces
- High chemical resistance
- Easy to apply with brush, roller, or spray
- Waterproof
- Does not contain solvents

1 Surface Preparation

Ensure that concrete or metal surfaces to be coated with Eposurface EB 722 are clean, smooth, and properly prepared.

2 Concrete

Ensure that cement-based surfaces of concrete structures in contact with water are solid, dry, load-bearing, dust-free, clean, and level. The surface should be thoroughly cleaned of any oil, grease, rust, and paraffin residues that could weaken adhesion, and there should be no loose particles on the surface. Remove any iron and wooden wedges, fill any active water leaks and voids, and chamfer corners and edges with a minimum radius of 4 cm.

3 Steel

Steel surfaces should be thoroughly cleaned of any oil, grease, and rust residues that could weaken adhesion and should be sandblasted to achieve an appropriate surface. In cases where sandblasting is not possible, an air-powered scraper or wire brush should be used for cleaning. In cases of greasy and oily surfaces, degreasers should be used. EPOSURFACE EB 722 should be applied immediately after cleaning. The surface should be protected from re-corrosion.

4 Consumption

For each coat: 300 g/m^2 - Total 600 g/m^2

5 Product Preparation

The hardener component B should be gradually added to the resin component A and mixed with a mixer at 400-600 rpm for 3-5 minutes until a homogeneous mixture is obtained. After resting for approximately 3-5 minutes, mix again for 30 seconds before the material is ready for use.

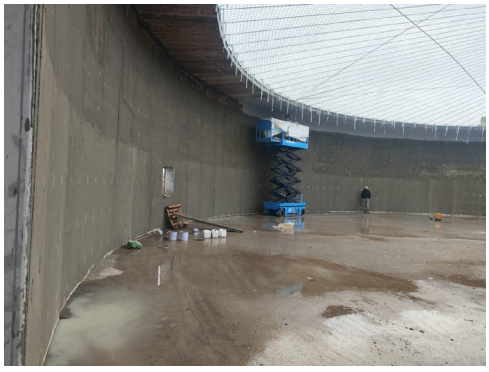
6 Packaging

10 kg set Component A: 4.40 kg tin Component B: 0.60 kg tin

7 Points to Consider

Using Pu Primer Pb 720 or Epoprime Wb 710 as a primer before the application of Eposurface Bb 722 on concrete and steel surfaces provides an advantage in terms of product performance.







TECHNICAL DATAS

Color	Grey, White, Other RAL Colors -
Density	1,50±0,02 g/cm³
Hardnes	90 ± 5 Shore D
Mixing Ratio A+B	4,40 : 060 by weight
Solid Substance Ratio A+B	100%
Mixing Vessel Life +25⁰	45 min
Wear Resistance	< 3000 mg
Floor Temperature	+5⁰C / +30⁰C
Tensile Breakage	3 %
Adhesion Strength	>2 N/mm² (7 Gün)
Light Use Transition Time	12 - 24 hours
Full Cure	7 days
Abrasion Resistance	< 3000 mg

CHEMICAL RESISTANCE

Sulfuric Acid (H2SO4) 50%	3
Hydraulic Acid (HCL) 50%	3
Lactic Acid (HCL) 50%	3
Nitric Acid (HCL) 100%	3
Sodium Hydroxide Acid (NaOH) 50%	3
Diesel	2
Xylene	3
Acetone	1
Toluene	3
Hard Waters	3
Butyl Acetate	2
Vegetable Oils	2

Note: **3: Very Durable - 2: Durable - 1: Non-Durable**