

Epoprimer WB 710

Construction Chemicals > Primers and Adhesion Promoters > Epoxy Based Primer



It is a two-component, water-based, epoxy-based primer.

■ Fields of Application

- For indoor and outdoor use
- As a primer for applications such as epoxy, PU, or cement-based systems
- In moisture barrier applications
- In enclosed areas
- As a primer under P1000 in water tanks

■ Advantages

- Has low viscosity
- Has high penetration capability
- Water-based, odorless
- Can be applied to damp surfaces without standing water
- For impregnation of interior walls of structures with heavy dust, such as cement or flour silos

■ Surface Preparation

Epoprimer WB 710 requires that the concrete quality be at least C25, and the concrete must have completed a curing period of at least one week. The concrete's breaking strength should be a minimum of 1.5 N/mm². The ground temperature must be at least 10°C. The surfaces to be applied should be solid, with a surface pressure resistance of 25 N/mm². Loose, removed, or unstable concrete particles on the surface, as well as contaminants such as oil, paint residues, and cement slurry remnants, must be cleared to ensure proper adhesion performance. The surfaces to be applied should be roughened and cleaned using appropriate tools and machines. The cleaned surfaces should be thoroughly dust-free using industrial machines. Remaining dust in the surface pores can negatively affect product performance and may cause holes in the coating.

■ Packaging

15 kg +5 kg Set

■ Points to Consider

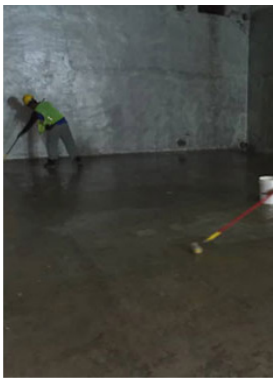
- Protect from freezing
- Do not apply below +10°C
- Should not be used in areas with inadequate air circulation
- Avoid contact with skin and eyes
- Necessary protective measures should be taken
- In case of contact with skin, wash with soap
- Store in places out of reach of children

■ Product Preparation and Application

Component B should be poured into Component A and mixed with a low-speed mechanical mixer. Then, the mixture should be stirred for an additional 3-4 minutes in a larger, clean container. The resulting mixture should be applied with a roller within the pot life period. Depending on the porosity of the concrete surface to be applied, a minimum of two coats or, if necessary, three coats can be applied. If needed, water can be added to the first coat to increase penetration power, provided it does not exceed 5% of the total weight.

■ Consumption

Depending on the condition of the surface to be applied, the average is 150-300 g/m².



TECHNICAL DATAS

Color		
Component A	Transparent Yellow	-
Component B	Transparent Colorless	-
Density		
Component A	1,0 ± 0,05 g/cm ³	ASTM D1475 / DIN 53217 / ISO 2811 , @2°C
Component B	1,10 ± 0,05	
Viscosity		
Component A	4500 - 5000 cP	ASTM D2196-86 / EN ISO 3219 (+25°C)
Component B	1800 - 2000cP	
Karışım Oranı (A+B)	3:1 by weight	-
Application Temperature	+5°C to +35°C	-
Water Permeability	0.0026 kg/m ² per hour	TSE EN 1062-3
Compressive Strength	>3 N/mm ²	-
Adhesion to Concrete	3,3 N/mm ²	TSE EN 1542 (+23°C)
Pot Life	1 hour	-
Initial Curing Time	4 - 5 hours	23°C / 55% RH
Overcoating Time	6 - 12 hours	23°C / 55% RH

Note: The technical specifications listed above are based on tests conducted at 23°C and 50% relative humidity. Values may vary under different temperature and humidity conditions.