

Teknobond 120

Epoxy Based, Two Component,
Water Based Primer



Product Description Solventless, water based epoxy resin based two component primer.

Areas of Usage

- It may be applied on concrete surfaces in outer and inner spaces.
- It may be used in factories where chemical products are produced or places exposed to chemicals.
- In food factories. It is also suitable on glossy surfaces such as granite, tile and for wall, ceiling and floorings.
- As primer on surfaces which are moisture and the places which moisture is increasing.

Features and Benefits

- Easy and fast application
- It is suitable for especially quite absorbent surfaces.
- Water based and odourless
- It can be used in places without ventilation.
- It has very good adherence resistance at all application temperatures.
- It is environment friendly.
- Water vapor permeability is available.
- Suitable for potable water.

Application Instructions

Concrete surface should be clean, steady and adequate compressive strength (minimum 25 N/mm²), minimum tensile strength (pull off) 1,5 N/mm². The surface may be damp but not free water (no accumulated on the surface) and should be free from foreign materials such as dirt, oil, coating surface curing materials. Concrete surfaces should be prepared to obtain an open porous surface by removing cement sherbet using abrasive equipment. The weak concrete should be removed, the eyelet gaps, the holes should be made completely open. Surface repairs, eyelet gaps/holes, filling and surface correction should be done with TEKNOREP. High places on the surface should be abrasive, sanded and cleaned. All dust, loose and friable particles should be removed from the surface with a brush and/or vacuum cleaner before application of the product. After the component A is thoroughly mixed, the component B is added and mixed with a low speed drill for 2- 3 minutes until a homogeneous mixture is obtained. The material should not be prepared more than the amount that can be applied for the duration of the mixing life. Leaping water or opening for pedestrian traffic shouldn't be allowed before TEKNOBOND 120 completes its cure. Duration to open to traffic is 24 hours. It should be made with low-speed mixer. Mixing with hand should be avoided. Resin and hardener may be applied by mixing after weighing on a sensitive balance in same amounts for smaller applications.

Application Notes / Restrictions

- Product may irritate the skin. Protective gloves, mask and goggles should be used.
- In case of contacting with eyes, eyes should be washed with warm water immediately and medical advice should be sought.
- Immediately after application, equipment should be cleaned with water before curing.
- After application, it should be protected against adverse weather conditions such as direct sunlight, severe wind, high air temperature (above +35°C) rain and frost.
- As soon as the reaction is finished and the hardening is complete, the areas in contact with the skin should be cleaned with water and detergent.
- If the waiting period between layers is exceeded, the surface should be sanded for good adhesion.

Technical Data

General Information	
Color of the Mixture	Transparent Yellow
Intensity	A Component : 1,05±0,03 (g/ml) B Component : 1,10±0,03 (g/ml) (EN ISO 2811 -1) Mixture : 1,07±0,03 (g/ml)
Pot Life	2-3 hours
Package	15 kg set
Shelf Life	12 months
Waiting Period Between Layers	Min. 24 max. 48 hours
Application Temperature	+ 5°C, +35°C
Full Strength	7 days
Temperature Resistance	(-20°C)-(+ 60°C)
Mixture Ratio	11 Unit A component, 4 Birim B Component (By weight)

Technical data are approximate values obtained from the laboratory study of Tekno Construction Chemicals for finished products obtained at +20°C air temperature and 50% relative air humidity.