

Teknobond 100

Epoxy Based, Two Component Primer with Solvent



Product Description	It is epoxy resin based, two component epoxy primer with solvent which is resistant to normal service conditions and chemicals and which can be applied on concrete metal, wood, plaster and plaster cast surfaces.
Areas of Usage	<ul style="list-style-type: none">• It can be applied on concrete surfaces in outer and inner spaces.• Its splice strength on metal surfaces is high.• It can be used in factories where chemical products are produced or places exposing to chemicals.• In nourishment factories. It is also appropriate for bright surfaces such as tile, granite and wall, ceiling and furnishings.
Features and Benefits	<ul style="list-style-type: none">• It is chemically and mechanically high-resistant and forms a hard film.• It is resistant against diluted acids, diluted and intense alkaline, cleaning detergents and disinfectants, fresh water and sea water, diesel oil, gasoline, alcohol and many other solvents.• It is resistant against bacterial reproduction.• Hygienic. Effaceable.
Application Instructions	<p>Concrete and plasters should be cured at least for 28 days. It is applied after Mortar residual etc. on cured surface is removed by slight sandblasting or brushing. Loose specks such as old dirt, dust etc. on old concrete and plaster surface are removed by sandblasting, scarifying and brushing methods. Oil and grease residuals are cleaned by detergent water. If neutralization is required, surface is wiped with 3-4% hydrochloric acid or acetic acid solution and washed with water. TEKNOBOND 100, concrete surface moisture should be under 4%. If situations requiring repair such as crack, cavity exist on the surface, it should be repaired by convenient TEKNOREP.</p> <p>After mixing A component well, B component is added and mixed with a low speed drill for 2-3 minutes until obtaining a homogenous mix. Material more than the amount to be applied throughout pot life shouldn't be prepared.</p> <p>Before completing TEKNOBOND 100 cure, it shouldn't be allowed to leap water on it and to open to pedestrian traffic. Duration for opening to traffic is minimum 24 hours.</p> <p>Mixing should be carried out with low-speed mixer. Mixing with hand should be avoided. Resin and hardener may be applied evenly by mixing after being weighted on a sensitive balance for minor applications. 0,150 kg/m² (it may change depending on surface.)</p>
Application Notes / Restrictions	<ul style="list-style-type: none">• It should be protected against negative weather conditions such as direct sunlight, strong wind, high air temperature (over +35°C), rain and frost after the application.• When waiting period between layers is exceeded, surface should be roughened with corundum for a good adhesion.• As reaction will end and hardening will be completed soon after the application, places contacting with skin should be cleaned with detergent and water.• Immediately after the application, just before the hardening, equipment should be cleaned by TEKNOTHINNER.• Product may irritate the skin. Protective gloves, mask and goggle should be used. Protective cream may be applied to hand before starting work. In case of mortar contact with eye, eyes should be washed with warm water immediately and medical support should be sought.

Technical Data

General Information	
Color of Mixture	Transparent
Density (A+B)	1,00±0,05 kg/l
Duration of Application	~1 hour
Package	20 kg set
Shelf Life	12 months
Waiting Period Between Layers	24 hours at least; 48 hours the most.
Application Temperature	+5°C, +35°C
Full Durability	7 days
Temperature Resistance	(-20°C) - (+60°C)
Mixture Ration	4 Units A component, 1 Unit B component (By weight) 4 Units A component, 1 Unit B component (By volume)

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.