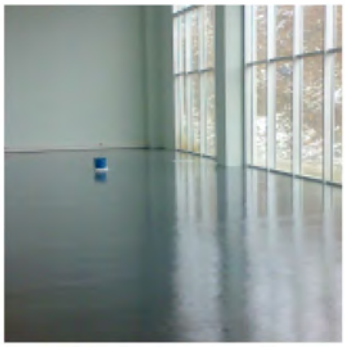
TEKNO®
construction chemicals

Teknobond 300 NB

Epoxy Primer For Wet Surfaces



Product Description

Teknobond 300 NB is epoxy based, two component, low viscosity, solvent free, primer for moist and wet surfaces.

Areas of Usage

- Lining concrete surfaces, cement screed and epoxy mortars,
- On normal, hot surface, moist and wet surfaces,
- As a primer before all epoxy and polyurethane floor coverings,
- As a binder for epoxy based bedding mortar and mortar coverings,

Features and Benefits

- It acts as a moisture barrier by providing very good adherence to moist and wet surfaces
- Low viscosity,
- Has good penetration properties,
- High bondresistance,
- Solvent free,
- Easy to implement,
- Waiting times are short,
- All purpose
- It can be used outdoors,

Application Instructions

The application surface should be free of all kinds of dust, dirt, weak and friable particles, cements herbet residues, oil and grease and clean. Concrete substrate must be clean, robust and sufficiently Compressive Resistance (at least 25 N/mm²), tensile strength (pull off) at least 1.5 N/mm². Application surface, to ensure maximum adhesion resistance, pressurized air holding, etc. it must be cleaned using methods.

After adding component B to component A, mix it for 2-3 minutes until it has a homogeneous color (up to 400 RPM) with a low speed electric stirrer.

Make sure that a continuous, nonporous layer is covered by the surface. If necessary, apply two storey of primer. Teknobond 300 NB can be applied with brush, roller or spray gun.

Immediately after application, tools should be cleaned with TEKNO THINNER without hardening. Hardened product can only be mechanically cleaned.

Application Notes / Restrictions

- Do not use it below the permitted minimum temperature to complete the hardening of the material. Low temperatures will slow hardening and high temperatures will speed hardening. Pot life will vary depending on the temperature.
- The floor temperature without curing should be at least 3°C above the condensation point.
- The product may cause sensitization by skin contact. Protective gloves,
- mask and goggles should be worn. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
- 0°C below the product stored for a long time can be observed crystallization. If the crystals are dissolved, the product can be used without any problems by returning to room
- temperature.
- Color losses can be yellowing of the product, which is hardened due to direct sunlight (UV)

Technical Data

General Information		
Chemical Structure	Epoxy Resin Based	
Color	Transparent Liquid	
Package	16 kg set	
Shelf Life	12 ay	
Consistency	A Component : 1,10±0,02 (kg/lt) B Component : 1,03±0,02 (kg/lt) Mixture: 1,10±0,02 (kg/lt)	(EN ISO 2811-1)
Bending Resistance (7 days)	> 30 N/mm²	(TSEN 196-1)
Compressive Resistance (7 days)	> 75 N/mm²	(TSEN 196-1)
Concrete Adhesion Strength	> 4 N/mm² (FromConcrete)	(TSEN4624)
Steel Adhesion Strength	> 3 N/mm²	(TSEN4624)
Pot Life (23°C , % 50 Moisture}	40 mn. (it depends on weather conditions)	
Mixture Ratio	100 Unit A : 60 Unit B (Weight)	
Full Strength	7 Days	

Technical information is approximate value obtained from the Tekno Construction Chemicals Laboratory works and are valid for the performance of the finished product in 27 days, which are obtained at +20°C temperature and 50% relative humidity rate.