

Teknomer 700

Hybrid Polymer Based Single Component
Waterproofing Material



Product Description

It is a single component, ready to use waterproofing material that is modified new generation hybrid resins. Protects its elastic structure permanently, can be applied to moist surfaces, It is a UV resistant, isocyanate-free, solvent and water-free, 100% waterproofing material that is cured by reacting with the humidity in the air.

Areas of Usage

- Terrace, roof, balcony and creek,
- On cracks on the surface,
- On foundation and curtain walls,
- On the mantle surface cracks,
- Protected against water and corrosion in concrete structures,
- In building exterior,
- In ceramic waterproofing,
- In applications on wood and sheet metal surfaces,

Features and Benefits

- It has the ability to create a crack bridge,
- UV resistant,
- Provides excellent adhesion even on moist surfaces,
- Maintain elasticity even at low temperatures,
- Easy to apply (by roller or brush)
- Application can be done without priming,
- It has excellent adherence properties even on difficult surfaces,
- Applied without joints
- It is resistant to watering in terraces and fences,

Application Instructions

The surfaces must be clean, smooth, solid, free from any antiadhesive substance such as dust, oil, dirt, rust, mold oil, detergent and waste. If there is segregation in concrete, it should be discarded and loose parts should be removed, weak parts should be removed. If there is crack, hollow on the floor or wall to be applied, it should be repaired with appropriate TEKNOREP repair mortars. TEKNOMER 700 can be applied to the surface with brush and roller.

The TEKNOMER 700 is ready for use and can be removed from the packaging and used directly. It should be applied flat and using Special Roll (short pile roll). It is recommended to apply the application in a single layer. If it is applied in 2 layers, it should not be applied by the first layer to dry. If desired, it can be used as carrier glass fiber, reinforcement throughout the floors.

It must be protected after application against adverse weather conditions such as direct sunlight, high air temperature (above +35°C), rain and frost. The product should be cleaned thoroughly with water and detergent before it is fully cured and hardened.

Immediately after application, before hardened, the equipment should be cleaned with TEKNO Thinner. After the product is hardened, it should be cleaned by mechanical methods.

Application Notes / Restrictions

- Foreign materials should not be added.
- In case of application in two layers, attention should be paid to the touch dryness of the first layer.
- It should not be applied in the rain.
- Not applicable to bituminous surfaces
- The product should not be diluted with water.
- Newly applied material is finished to cure, etc. until rain. it must be protected against weather conditions.

Technical Data

General Information		
Appearance/Color	Light Grey	
Density (kg/lt)	1.55 ± 0.05	
Storage Conditions / Shelf Life	12 months	
Package	1 and 14 kg tins	
Application Information		
Wear Time on	24 Hours	
Waiting Time Between Coats	8 Hours	
Pot Life	30 - 35 min.	
Consumption	1.30 -1.50 kg/m²	
Surface and Application Temperature		(+5°C) - (+35°C)
Performance Information		
Shore Hardness (Shore A)	~ 35-40 (28 Days)	
Breaking Elongation	500 - 700% (7 Days)	DIN 53504
Service Temperature	(- 30°C) to (+ 70°C)	
Chemical Strength	Various Acidic and Basic Solutions	
Humidity Tolerance	5%	

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 and valid for its performance after 27 days.

