

# Teknobond 600

## Industrial Epoxy Flooring Paint



CE EN 1504-2

### Product Description

It is a two component epoxy based paint which can be applied to concrete, metal, wood, plaster and gypsum surface and is resistant to severe service conditions and chemicals. In order to obtain textured surface, Teknobond 600 TIX should be used.

### Areas of Usage

- Indoor and outdoor places,
- Constantly wet areas, the areas that chemical agents are used
- In food factories.
- In laboratories, used on the materials such as parquet, floor tile, tile, ceramic, mosaic, glass mosaic, and porcelain.
- Also suitable for walls, ceilings and floor coverings/upholstery

### Features and Benefits

- Water impermeable.
- Resistant to chemicals and bacteria
- Resistant to freeze
- Long-lasting
- Hygienic, easy to clean

### Application Instructions

Surface Quality: The surfaces should be clean, dry, strong and free from all foreign objects which may cause separation.

Surface Preparation: The roughness on the surface should be levelled, and the hollow shapes should be filled.

Compound: TEKNOBOND 600 is a two component product. The proportionally prepared components A and B which consists of hardener agent and resin, are mixed together by using a low-speed mixer. The mixing is continued until a homogenous mixture is obtained.

### Application Notes / Restrictions

- In self application, special filling is added and poured as necessary It is levelled by trowel and combed with spiked roller.
- In order to complete the hardening of the material, do not use it allowed minimum temperature. Low temperatures will slow down the hardening, while high temperatures will accelerate the hardening. The pot life will also vary depending on the temperatures.
- The product may irritate the skin. Protective glasses or gloves should be used. Protective hand cream should be used before starting work. If the soil mixture comes into contact with eyes, eyes should be washed immediately with warm water and you should go to doctor.
- Crystallization can be shown in the product if it is kept below 0°C for a long time. If the crystals are broken by bringing the product back to room temperature, the product can be used without any problem. Discoloration and yellowing can be happened in the product which hardened depending on direct sunlight. After application, the product should be protected against direct sunlight, strong wind, high air temperature (above +35°C), bad weather conditions such as rain and freeze. In order to complete the hardening and reaction shortly after the application, the areas that contacts with skin should be cleaned with water and detergent.
- Immediately after application, the equipment should be cleaned with Tekno Thinner before it becomes hard.

## Technical Data

General Information		
Chemical Structure	Epoxy Resin Based	
Color	Requested RL colors	
Mixture Density	1,55±0,03 (g/ml)	
Shelf Life	12 months in unopened original package	
Package	20 kg set	
Application Information		
Consumption	0,250 - 0,300 kg/m² in one floor	
Pot life	40 minutes (Can be changed depending on weather conditions)	
Mixture Proportion	8,2 Unit A: 1,8 Unit B (by weight)	
Pot Life	~30 minutes (20°C)	
Performance Information		
Splice Strength to Concrete	> 4 N/mm² (Rupture from the concrete)	(TS EN4624)
Abrasive Strength	~60-70 mg (CS10/1000/1000)	(DIN53109)
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 air humidity rate.

