

# Teknobond 600 Tix

Epoxy Resin Based, Textured Flooring Paint



## Product Description

TEKNOBOND 600 TIX is an epoxy resin based, two component, solvent-free, colored and textured surface floor covering material. TEKNOBOND 600 should be used in order to obtain plain view.

## Areas of Usage

- It is used as a colored and textured coil coating for the concrete and cement mortared surfaces exposed to normal-medium heavy load such as storage and mounting areas, maintenance workshop, garages and loading ramps, etc. Multi-storey and underground parking areas, maintenance shelters.
- Used as a final surfacing for wet operation field of beverages and food industries
- Coil coating for areas where slip resistance and easy cleaning are required.

## Features and Benefits

- Easy applicable,
- High mechanical resistance
- High abrasion resistance, allowing metal wheeled traffic on.
- There is a surface structure that does not allow the microbial growth
- Easy to clean in order to create hygienic environments.
- Textured (orange peel) and non-slip surface.

## Application Instructions

Surface Quality: The surface should be dry and free from all kinds of dust, dirt, weak and loose tools, cement slurry residue and grease oil. The lower surface of concrete should be clean, strong and with sufficient compression resistance (minimum 25N/mm<sup>2</sup>), and pull-off strength that least 1.5 N/mm<sup>2</sup>.

Surface Preparation: The surface should be cleaned by using appropriate methods in order to provide maximum adhesion strength.

Compound: After the component B is added to the component A mix for 2-3 minutes with a low speed, electrical mixer (maximum 400 revolution per minute) until a homogenous color is obtained.

## Application Notes / Restrictions

- Make sure that TEKNOBOND 600 TIX covers a continuous, non-porous surface. If necessary, apply TEKNOBOND 300 priming coat application twice.
- TEKNOBOND 600 TIX can be applied with coral roller and normal 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.
- Immediately after the application, equipment should be cleaned with Tekno Thinner. The hardened mortar can only be cleaned mechanically.

## Technical Data

General Information		
Chemical Structure	Epoxy Based	
Color	Requested RL Colors	
Mixture Density	1 ,45 ± 0,05 (gr/ml)	
Shelf Life	12 months in unopened original package	
Package	Set of 20 kg	
Application Information		
Consumption	~0,5 kg/m²	
Pot Life	40 minutes (Can be changed depending on weather conditions)	
Mixture Proportion	9 Unit A : 1 Unit B (by weights)	
Pot Life	~30 minutes (20°C)	
Performance Information		
Splice Strength to Steel	> 3 N/mm²	(TS EN 4624)
Splice Strength to Concrete	> 4 N/mm² (Rupture from the concrete)	(TS EN 4624)
Full Strength	9 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.

