

# Teknobond 620

## Water Based Industrial Epoxy Flooring Paint



### Product Description

Water based epoxy floor coating material with two component, solvent-free, high mechanical abrasion resistance hygienic, can be diluted with water, water vapor permeability,

### Areas of Usage

- Indoor and outdoor areas Constantly wet areas
- The areas where 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 covering/upholstery

### Features and Benefits

- Waterproof
- Resistance to chemicals and bacteria.
- Resistance to freeze
- Long-lasting, the color does not fade
- Hygienic, easy to clean
- Odorless
- Humidity-tolerant, can be applied on moist surface
- Depending on application thickness, resistant to alkali, diluted acid, mineral oils, lubricants and fuel oil.
- There is a conformity report with potable water.

### 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.

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

- 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 also vary depending on the temperature will accelerate the hardening. The pot life will also vary depending on the temperature.
- 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	1,40±0,05 (g / ml)	
Shelf Life	12 months in unopened original package	
Package	Set of 20 kg	
Application Information		
Consumption	0,300 - 0,500 kg/m²	
Full Strength	7 Days	
Pot Life	~45 minutes	
Performance Information		
Splice Strength to Concrete	> 4 N/mm² (Rupture from the concrete)	(TS EN 4624)
Splice Strength to Steel	> 3 N/mm²	(TS EN 4624)
Abrasion Resistance	~60 - 70 mg (CS10/1000/1000)	(DIN53109)

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.

