

Teknobond 350

Clear Epoxy Casting Resin



Product Description Water clear casting epoxy resin with two component, low viscosity

Areas of Usage

- Can be used as a priming coat on epoxy floor coverings.
- Water sealing, filling concrete and cracks
- It is used in electricity and souvenir sector as a casting resin

Features and Benefits

- It is clear and therefore can be applied to many surfaces as a priming coat or finishing coat
- TEKNOBOND 350 can also be used in lamination works.

Application Instructions

Surface Quality: The loose particles on the surface are removed. Dirt, oil, rust are cleaned. It is ensured that the surface humidity is less than 4% relative humidity.

Surface Preparation: The holes are filled by putting sand into the TEKNOBOND 350 sufficiently and the damaged surfaces are repaired. After 6 hours, TEKNOBOND 350 is applied in one direction firstly and then in other direction by roller.

Surface and Environment Temperature: +5°C - +30°C

Compound: The proportionally prepared components A and B are mixed with a low-speed mixer, the mixing application is continued until homogenous consistency is obtained. TEKNOBOND 350 set can be used in small quantities considering the mixture proportion.

Application Method / Equipment: It is used with bristle brush, roller, spraying machines or manual.

Consumption: In theory, depending on the surface condition and concrete quality, it is 0,300-0,500 kg/m². Except for sand put into the epoxy.

Cleaning: After application, the product should be protected against direct sunlight, strong wind, high air temperature (above +35°C). 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.

Equipment Cleaning: Immediately after application, the equipment should be cleaned with Tekno Thinner before it becomes hard.

Pot Life: At 20°C temperature approximately 30 minutes

Cleaning Duration: At 20°C temperature approximately 45 minutes

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 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 contacts with eyes, eyes should be washed immediately with warm water, and consult 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

Technical Data

General Information	
Color	Clear
Density	A: 1,08 kg/l \pm 0,2 B: 1,02kg/l \pm 0,2
Mixture Density (A+B)	1,06 \pm 0,2
Fire point	180°C
Mixture Proportion	100 gr A, 50 gr B
Pot Life	45 minutes (At +20 °C)
Full Strength	7 days
Temperature Resistance	(-20° C)-(+ 60°)
Mixture Proportion	2 Units Component A, 1 Unit Component B (By weight) 2 Units Component A, 1 Unit Component B (By volume)
Package	Set of 15 kilograms
Shelf Life	12 months in unopened original packages. Should be stored above 5°C

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.