

Tekno Stone Carpet 100 1K

Polyurethane Based Stone Binder



Product Description

One component, solvent free, aliphatic, UV resistant, hard elastic, stone binder.

Features and Advantages

- It has excellent UV resistance.
- It has excellent adhesion to the ground,
- Single component
- Ready to use
- Solvent-free, 100% solid content.

Application Instructions

Surface Quality: Concrete and plasters must be cured for at least 28 days. Mortar residue on the cured surface, etc. It is applied after it is removed by light sanding or brushing. Old paint, dirt, dust, etc. on the old concrete and plaster surface. loose particles such as sandblasting, scraping, brushing methods are removed. Oil and grease residues are cleaned with detergent and water. If neutralization is required, the surface is wiped with 3-4% hydrochloric acid or acetic acid solution and washed with water.

Surface Preparation: The surface to be applied should be free of any oil, rust, detergent, etc. It should be free from sticking inhibitors, loose and volatile particles. Concrete surface moisture is below 4% should be.

If there are situations that require repair such as cracks or cavities on the surface, they should be repaired with appropriate TEKNO cement-based or epoxy-based mortars.

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

Application Instructions: Tekno Stone Carpet 100 1 K ready to use product; 1:20 (binder: stone) ratio mixed together to be homogeneous The prepared mixture is applied to the surface with the help of a trowel so that a smooth surface is obtained.

Curing Phase: Before Tekno Stone Carpet 100 completes its 1 K curing, water should not be allowed on it and it should not be opened to pedestrian traffic. Opening time to traffic min. It is 24 hours. This period may vary according to weather conditions. It may take longer in cold weather.

Application Method/ Equipment: Trowel

Mixing: It should be done with a low speed mixer. Mixing by hand should be avoided.

Consumption: 6.25 - 7.5% by weight of binder is used in the amount of stone to be used in the application, this rate may vary according to the size of the stone.

Cleaning: After the application, it should be protected against adverse weather conditions such as direct sunlight, strong wind, high air temperature (over +35°C), rain and frost. Since the hardening will be completed shortly after the application, care should be taken and hands should be washed with soap and water.

Cleaning of Equipment: Equipment should be cleaned with Boat Thinner immediately after the application, before it hardens.

Potlife: Approximately 2 hours at 20°C

Cleaning Time: Approximately 2 hours at 20°C.

Application Notes / Limitations

- Use gloves, goggles and protective clothing.
- In case of contact with skin, wash with soap and water.
- Do not swallow, do not use empty packages to store foodstuffs and do not throw them into fire.
- For professional use only.
- Keep out of reach of children.

Technical data

General Information	
Chemical structure	Polyurethane
Color	Clear
Density	1,10 (g/ml) (EN ISO 2811)
VOC	< %1
Pot Life	15-30 min
Solid Matter	%100
Initial Curing	> 24 hours
Opening to Pedestrian Traffic	> 48 hours later
Full Curing	7 gün
Application Temperature	10°C - 30°C
Usage Rate	% 5-6
Compressive Strength	> 12 Mpa EN 196-1
Flexural Strength	> 5 Mpa EN 196-1
Reaction to Fire (Mixed with	B-s1
Stone) Packaging	5 - 18 kg
Storage Conditions / Shelf Life	It has a shelf life of 1 year in its unopened original package, in an environment protected from moisture, water and sun rays.

