

Power Poxy 3D

High-Transparency Epoxy Product for 3D Flooring Technology

Description: -

A high-transparency and pure epoxy product that provides a clear, glass-like finish. It is poured over decorative stickers, natural images, and 3D shapes after they are fixed in place, giving visual depth and surface protection. The product is based on solvent-free epoxy resin and a special hardener.

Usage: -

- Creating 3D floors with visual depth.
- Inlaying floors with natural stone.
- Final coating over artistic panels, stickers, and decorative designs on concrete floors.
- Coating and protecting floors with visual depth and dimension in palaces, villas, homes, offices, restaurants, hotels, luxury reception halls, shopping centers, etc.
- Used in applying colored floors using stencils and flordex flakes to give a highly transparent and pure glass layer.

Advantages: -

- High gloss level and attractive shine on floors.
- High hardness and long lifespan on floors.

- Provides a highly transparent layer on floors like a clear glass layer.
- Smooth surface and easy to clean.
- No joints like those found in ceramic and porcelain floors.
- Easy application without the need for special equipment, cutting, welding adhesive, or special glue.
- Ability to use 3D designs as visual effects, such as giving the impression of expanding a small and narrow room.
- Characterized by innovative and new designs, with control over colors and shapes.
- Economically and time-efficient.

Characteristics: At 25°

color	high-transparency (a clear, glass-like)
Solid content ratio by weight A to B.	100%
Mixing ratio by weight A to B.	3A : 1B
Density kg/liter	1.15 ± 0.03
Minimum temprature	5°c
Operating period	50 minutes ± 10 minutes
Initial setting time	approx 10 hours
Final setting time	approx 36 hours
Full hardness	7 days
Rate of use (Theoretically)	2 : 2.5 Kg /m ² (as required thickness)

Application instructions: -

- The surface to be coated should be thoroughly cleaned of oils, greases, petroleum products, and ensure it is free from rust, dust, impurities, or any adhered materials.
- Level the floor surface with Power Poxy Putty. For floors (ceramic, porcelain, mosaic tiles, cement tiles), the joints between the tiles must be well closed and filled with joint filler or Power Poxy Putty.
- Sand and smooth the surface thoroughly, then clean and disinfect using Power Solve1 solvent.
- Stick the desired decorative shape (banner) with a good adhesive such as Power Poxy Clear.
- Remove any trapped air under the banner using a flat, non-sharp plastic sheet to ensure the banner is completely adhered to the surface.
- Mix component { A } well, then add the entire content of component { B } and mix the mixture well using a slow-speed mechanical mixer (300 rpm) until fully homogeneous.
- Pour the product and spread it over the banner surface using a flat, non-sharp plastic sheet or a flexible rubber squeegee, ensuring the surface is completely level.
- Extract trapped air using an air roller and pass hot air over the surface.
- If another layer of the product needs to be poured and spread, do so after the first layer has dried.
- Wash the used tools thoroughly after use with Power Solve1 solvent.

Safety precautions: -

- The product should be applied in a well-ventilated area.
- Gloves, protective clothing, and eye goggles should be worn during application.
- Never eat, drink, or smoke during application.
- In case of skin contamination, wash the contaminated area with water and soap.
- In case of eye contamination, immediately wash with abundant lukewarm water and consult a doctor immediately.
- Avoid spilling residues of the product into any watercourse or soil.
- Dispose of product residues or empty containers according to local environmental regulations.

Packages: -

A compound of 2 sets [1, 4, 16, 20 kg].

Storage: -

The product should be stored in tightly sealed containers for two years under appropriate storage conditions.

For more information or inquiries, please contact the technical department.

