

Power Poxy Elastic

A highly flexible epoxy-modified polyurethane product that is solvent-free.

Description: -

A high-quality, colored epoxy finish paint specifically designed for floors and walls. It is based on epoxy-modified polyurethane. In the form of two compounds. It conforms to the standard specifications of our factory.

Usage: -

- Coating for cooling and freezing rooms down to (-30°C).
- Transparent and colored paint for surfaces and floors exposed to loads and chemicals.
- Coating for food and beverage factories floors, pharmaceutical plants, hospital floors, and intensive care rooms.
- Coating for slaughterhouses, dairies, laundries, and various storage facilities.
- Coating for various surfaces such as wooden surfaces, cement plaster surfaces, and metal surfaces.
- Injection for structural and thermal cracks.
- Used for repair, reinforcement, and insulation of structures.

Advantages: -

- Withstands temperature variations from -30°C to 100°C.
- Strong adhesion on floors, walls, and various surfaces.
- Excellent resistance to mechanical stresses.
- High resistance to wear and abrasion, non-slip.
- Soft texture, unaffected by washing, and resistant to bacteria.
- Contains no solvents and is non-hazardous to health.
- High resistance to various loads.
- Available in multiple attractive colors and can be custom colored.
- Odorless, easy to apply, and requires no special equipment for application.

Characteristics: At 25°

color	Transparent / Colored
Solid content ratio by weight A to B.	100 %
Density kg/liter	1.07 ± 0.02 Transparent 1.25 ± 0.05 colored
Mixing ratio by weight A to B.	4 : 1 Transparent / 3 : 1 colored
Operation time	30 : 45 Minutes
Initial setting time	8 : 10 hours
Final setting time	24 : 36 hours
Full hardness	7 days
Second coat	After 16 hours
Rate of use	250 Micron : 270 gm / m ² Transparent 305 gm / m ² / Colored

Application instructions: -

Note: New Concrete should be at least 28 days old and surface moisture should be less than 4%.

- Clean metal surfaces by sanding or sandblasting to ensure they are free of rust or corrosion.
- Thoroughly clean the surface to be painted, removing dust, oils, greases, and loose parts.
- Apply a preparatory coat of Power Poxy Primer on concrete, cement, or wooden surfaces.

Mixing: -

- Stir compound [A], then add the entire content of compound [B] and mix the mixture well using a slow-speed mechanical mixer (300 RPM) until homogeneity.
- If the mixture needs thinning, it is gradually thinned with Power Solve SF, at a rate not exceeding an average of 7% of the total weight.
- Apply the product using a brush, an epoxy roller, or an air spray gun.
- At least 18 hours must be elapsed before painting a second coat.
- To enhance skid resistance, spray the floor surface after painting the first coat with a layer of clean sand, diameter [0.25:0.750 mm], at a rate of approximately 1 kg/m². Then apply the second coat.

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.
- The used tools should be washed immediately after completion with the cleaning solvent Power Solve 1.
- Dispose of product residues or empty containers according to local environmental regulations.

Packages: -

One compound, capacity [1, 4, 16 kg].

Storage: -

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

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

