

Power Poxy Elastic

Highly flexible solvent-free epoxy-modified polyurethane product.

Description: -

A high-quality, 2 component epoxy finish paint specifically designed for floors and walls. It is based on epoxy-modified polyurethane. It complies with Power standard specifications.

Usage: -

- Coating for cooling and freezing rooms down to (-30°C).
- Transparent and colored coating for surfaces and floors exposed to loads and chemicals.
- Floor coating for food, beverage factories, pharmaceutical plants, hospital, 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 |
| Recoat time | After 16 hours |
| Rate of use (theoretical) | 270 gm / m ² Transparent 305 gm / m ² / Colored (At thickness 250 microns) |

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.
- Apply one or more coat of Power Poxy elastic according to surface nature & required thickness.

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 [0.250 : 0.750 mm], at a rate of approximately 1 kg/m². Then apply the second coat.
- The used tools should be washed immediately after completion with the cleaning solvent Power Solve 1.

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: -

2 Kits (A+B) capacity [1, 4, 20 kg].

Storage: -

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

For more information or inquiries, Visit our website.

Power-cp.net

Disclaimer: The technical data provided herein is accurate and correct as of the publication date and is subject to change without prior notice. The information in this datasheet is not exhaustive. Application conditions should comply with those mentioned in this datasheet. The company is not responsible for any losses resulting from application under differing conditions.

Edition: 7/2024

