

Power Poxy Therm

Final epoxy paint for protecting metal surfaces and flooring, capable of withstanding high temperatures.

Description: -

Epoxy topcoat used in areas and surfaces exposed to high temperatures up to 180°C to protect iron and steel. It is based on epoxy resin, a special hardener, and other carefully selected materials, consisting of two components.

Usage: -

- Used for painting floors and walls exposed to high temperatures, such as power plants, furnace factories, and storage facilities.
- Used when a heat-resistant paint with high durability is required.
- Used for protecting hot pipes, chimneys, and machine rooms exposed to high temperatures.
- Used for protecting cement and concrete surfaces exposed to high heat effects.
- Used for protecting iron, metal, concrete, and various surfaces from harmful weather conditions and environmental factors.
- Used for painting industrial, petroleum, and marine structures and applications.



Advantages: -

- Excellent resistance to high temperatures (some colors may change slightly when exposed to temperatures above 155°C, with no effect on other product properties and features).
- High adhesion strength on all types of iron, metal, concrete, cement, and other surfaces.
- Exceptional hardness, durability, and high resistance to wear and friction.
- Extends the service life of machinery, equipment, and industrial structures.
- High-gloss finish and smooth surface.
- Easy application with no need for special equipment. High impact resistance and strong tolerance to harsh weather conditions.
- Superior resistance to chemicals and oils.

color	Multicolored
Density kg/liter	1.4 <u>+</u> 0.05
Mixing ratio by weight A to B.	4:1
Solid content ratio	99 <u>+</u> 1 %
Initial setting time	8 hours
Final setting time	24 hours
Full hardness	7 days
Operation period	Average 45 minutes
Rate of use	Average 3.5m / kg (average 75
	micron)
Thinner	Power Solve 6
Dilution ratio	5 : 10 of weight

Characteristics: At 25°



Application instructions: -

- The substrate must be cleaned well, and free from dust, oils, grease, and friable particles.
- 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 thinning of the mixture is required, gradually dilute using its Thinner until reaching the desired consistency suitable for application.
- Apply the coating using a brush, epoxy roller, or air spray gun.
- For a second coat, allow at least 12 hours to pass after the first coat application.
- Clean used tools immediately after application with Power Solve 1 Cleaning 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 water or soil.



• Dispose of product residues or empty containers according to local environmental regulations.

Packages:

A set of compounds [A + B], group 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

<u>Disclaimer:</u> 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.

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