Power Floor Screed

High-Resistance Epoxy Coating for Concentrated Acids and Alkalis

Description: -

A final epoxy coating that is non-shrink and highly resistant to the effects of concentrated acids and alkalis, as well as heavy mechanical loads. It is based on solvent-free epoxy resin and carefully selected pigments.

Usage: -

- **A protective layer resistant to acids, alkalis, corrosion, and abrasion for industrial floors such as factory and warehouse floors.**
- **Coating for floors and walls in chemical plants, textile factories, workshops, and aircraft hangars.**
- **Filling joints of chemical-resistant and mechanically durable flooring tiles.**
- **Coating resistant to highly concentrated acids and alkalis.**
- **Coating for acid and chemical storage tanks.**
- **Coating for tanks, pipes, and steel structures exposed to harsh chemical environments.**
- **Coating for road infrastructure, bridges, and wastewater treatment plants.**

Advantages: -

- High load-bearing capacity for mechanical stresses.
- Excellent resistance to concentrated acids and alkalis.
- Strong adhesion to concrete and steel surfaces.
- Suitable for use over approved primer coatings on concrete surfaces.
- High resistance to corrosion, abrasion, and wear factors.

Characteristics: At 25°

color	Red / Customized
Solid content ratio by weight A to B.	100 %
Density kg/liter	1.4 ± 0.05 kg / L
Mixing ratio by weight A to B.	3 : 1
Pot life	30 minutes
Recoating time	24 hours
Full hardness	7 days

Application instructions: -

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

- Metal surfaces are cleaned by sanding or using abrasive methods to remove any traces of rust or abrasion.
- The substrate must be cleaned well, and free from dust, oils, grease, and friable particles.
- A preparatory layer of Power Poxy primer product is applied to concrete, cement, or wooden surfaces.

- For metal & iron surfaces, applying one coat of Power Shield Primer before using Power Floor Screed is preferred.

Mixing and Apply

- 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] thinner, with a ratio 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/m^2. Then apply the second coat.
- Please, follow up mixing ratio printed on product packaging.

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] [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.
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