Power Floor Bio

A colored final coating resistant to fungi and bacteria for floors and walls.

Description: -

A high-quality, colored epoxy final coating specifically designed for floors and walls. It is characterized by its resistance to fungal and bacterial growth. The product is based on solvent-free epoxy resin, high-quality pigments, and special additives to prevent bacterial and fungal growth on the surface, in the form of two components.

Usage: -

- **Coating for floors in food processing plants, hospital floors, and intensive care rooms.**
- **Coating for floors in slaughterhouses, dairy facilities, laundries, and various storage areas.**
- **Coating for road and bridge structures, water treatment plants, and sewage facilities.**
- **Coating for machinery, boilers, distillation units, tanks, and iron pipes.**
- **Coating for production and storage halls in factories.**
- **Coating for various surfaces such as wooden surfaces, cement plaster surfaces, and metal surfaces.**
- **Colored coating for surfaces and floors exposed to heavy loads and chemicals.**

- Coating for parking areas, garages, and car service stations.
- Coating for industrial structures exposed to chemicals and harsh conditions.
- Coating for floors in nuclear power plants and various structures exposed to harmful chemical effects.

Advantages: -

- High resistance to fungal and bacterial growth.
- Strong adhesion to floors, walls, and various surfaces.
- High hardness and excellent resistance to mechanical stresses.
- High resistance to abrasion and friction, as well as being slip-resistant.
- Smooth texture that remains unaffected by washing.
- Excellent resistance to chemicals, moderate acids, oils, and greases.
- Solvent-free, non-harmful to health, and environmentally friendly.
- High durability to withstand various loads.
- Available in a wide range of attractive colors and can be customized upon request.
- Easy to apply, odorless, and does not require special equipment for application.

Characteristics: At 25°

color	Multicolord
Mixing ratio by weight A to B.	4 : 1
Solid content ratio by weight A to B.	99 ± 1 %
Density kg/liter	1.4 ± 0.05
Pot life	30 : 45 min
Initial setting time	Average 8 hours
Final setting time	24 hours

Recoating time	18 hours
Full hardness	7 days
Rate of use	Average 250 : 275 g / m^2 Average paint thickness is (150 micron)

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 Bio 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/m². 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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