Power Finish PUR Bio

Colored Final Polyurethane Paint Resistant to Fungi and Bacteria for Various Surfaces

Description: -

Flexible Final Coating Resistant to Fungi and Bacteria, Available in Multiple Colors, and Highly Efficient for Various Surfaces, Both Interior and Exterior, Such as Iron, Concrete, or Wood Surfaces. It is Based on Polyurethane Resin Containing Solvents in a Two-Component Form.

Usage: -

- Coating for various interior and exterior surfaces in food factories, hospital floors, and care rooms.
- Final coating for grain silos and food storage facilities.
- Coating and protection for various iron surfaces and concrete surfaces exposed to weather conditions, chemicals, and moisture.
- Coating and protection for cement surfaces, cement plaster surfaces, and wooden surfaces exposed to wear, abrasion, and mechanical stress.
- Coating and protection for walls and floors of chemical factories, workshops, textile factories, warehouses, and garages exposed to chemicals, oils, greases, and mechanical stress.
- Coating and protection for food and pharmaceutical factories, nuclear power plants, laundries, and staircases.

- Coating and protection for PVC pipes against weather conditions and UV rays.
- Used for coating and protecting marine structures, ships, and metal structures.

Advantages: -

- Highly efficient in resisting the harmful impact of the ultraviolet rays.
- Highly efficient in resisting the harmful impact of chemical substances.
- Highly capable of resisting the effects of acids, alkalis, and harmful oils and greases.
- Highly resistant to soil factors, friction, and mechanical stresses.
- Highly resistant to weather conditions and harmful weathering factors.
- Highly resistant to bacteria and fungi.
- Highly resistant to the formation of salts and chlorides.

Characteristics: At 25°

color	Multicolored
Mixing ratio by weight A to B.	8 : 1
Density kg/liter	1.35 ± 150 min.
Initial setting time	120 : 150 min.
Final setting time	24 hours
Full hardness	7 days
Min. application temperature	7° C
Rate of use	Average 200 : 250 gm / m ² 1 coat (100 µ)

Application instructions: -

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

Substrate preparation

- The substrate must be cleaned well, and free from dust, oils, grease, and friable particles.
- Metal surfaces are cleaned by sanding or using abrasive methods to remove any traces of rust.

Primer painting

- A preparatory layer of Power Poxy Cellar product is applied to concrete, cement, or wooden surfaces.
- A preparatory layer of Power Shield product is applied to metal and iron surfaces.

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 one of the solvents [S or W] Power Solve, according to the seasons' timing and temperature.
- Stir well until reaching the desired and most suitable consistency for application.
- Apply the product using a brush, an epoxy roller, or an air spray gun.
- At least 12 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 [0.3:1 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 water or soil.
- Dispose of product residues or empty containers according to local environmental regulations.

Packages:

A set of two 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

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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