

# Power Finish Bio

Colored Final Epoxy Paint Resistant to Fungi and Bacteria for Protecting Iron and Various Surfaces.

## Description: -

Colored Final Epoxy Paint Resistant to Fungi and Bacteria for Protecting Various Iron, Concrete, and Cement Surfaces. It is based on epoxy resin containing solvents in a two-component form.

## Usage: -

- Final coating for iron and various surfaces in food factories.
- Final coating for grain silos and food storage facilities.
- Coating and protection for production areas and machinery exposed to chemicals.
- Coating and protection for iron surfaces and metal structures.
- Coating and protection for concrete and cement surfaces exposed to abrasion and friction.
- Coating and protection for metal Tanks, pipes, and food storage facilities.
- Coating, protection, and insulation for drinking water and sewage projects.
- Coating for containers, internal marine structures, and ship cabins.

- Coating and protection for tanks, workshops, showrooms, and garages.
- Coating for hospital floors, walls, and operating rooms.

## Advantages

- Final coating available in multiple attractive colors.
- Non-toxic and safe final coating.
- Coating with high adhesion strength on various surfaces.
- Coating known for its high resistance to friction, abrasion, and corrosion.
- Coating known for its high resistance to chemicals, oils, and greases.
- Coating known for its high resistance to salts and chlorides.
- Coating known for its ease of application and ability to create a smooth, easy-to-clean surface.

## Characteristics: At 25 degrees

color	White / colored
Mixing ratio by weight A to B.	2 : 1
Density kg/liter	1.3 ± 0.05
Operating period	35 ± 5 minutes
Initial setting time	Average 120 minutes
Final setting time	24 hours
Full hardness	7 days
Min. application temperature	5° c

### **Application instructions: -**

**Note:** The new concrete to be painted must be at least 28 days old, and the surface moisture content must 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 through sanding or abrasive methods to ensure they are free from any traces of rust.
- In the case of concrete and cement surfaces, it is ensured that the surface is free from protrusions, cracks, holes, joints, or any adhering and sticking materials. The surface is thoroughly checked for complete evenness.

### **Primer painting: -**

- A preparatory layer of Power Shield product is applied to concrete, cement, or wooden surfaces.
- A preparatory layer of Power Poxy Primer 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 using Power Solve 2 thinner until achieving the desired and suitable consistency for the 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.
- In case a rough surface is needed, the first layer is sprayed with a smooth and clean layer of sand with a diameter of [0.25:0.9 mm] at a rate of 1 kg/m<sup>2</sup>.
- 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](http://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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