

Power Finish E

A final epoxy coating certified for use with potable water systems.

Description: -

Epoxy topcoat non-toxic specially designed for use with drinking water tanks and grain storage silos. It is based on a solvent-containing epoxy resin in two-component form.

Usage: -

- Painting and protection of metal pipes, grain storage silos, and water treatment plants.
- Painting and protection of iron surfaces and metal structures in contact with drinking water and food materials.
- Painting and protection of concrete and cement surfaces in contact with drinking water.
- Painting and protection of metal tanks, reservoirs, pipes, and food storage units.
- Painting, protection, and insulation of potable water and sewage projects.
- Painting of containers and internal marine structures, as well as ship cabins and interior compartments.
- Painting and protection of tanks, workshops, showrooms, and garages.
- Painting of hospital floors and walls, including operating rooms.

- Painting of floors and walls in food and pharmaceutical factories.

Advantages: -

- A final coat paint available in multiple attractive colors.
- A non-toxic, safe final coat paint suitable for contact with drinking water and food.
- A paint with high adhesive strength on various surfaces.
- A paint characterized by high resistance to wear, friction, and corrosion.
- A paint with excellent resistance to chemicals, oils, and grease.
- A paint with high resistance to salts and chlorides.
- Provides a glossy surface after drying.
- Features easy application and produces a smooth, easy-to-clean surface.

Characteristics: At 25°

color	Multicolored
Mixing ratio by weight A to B.	2 : 1
Density kg/liter	1.35 ± 0.05
Operation period	35 ± 5 minutes
Initial setting time	Average 120 minutes
Final setting time	24 hours
Full hardness	7 days
Min. application temperature	5° C
Rate of use	200 gm / m ² 1 coat (75 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.
- For concrete and cement surfaces: Ensure the surface is free of protrusions, cracks, pits, joints, or any adhered/embedded materials, and verify it is completely even.

Primer painting

- Iron and metal surfaces must first be coated with a layer of Power Shield.
- Concrete, cement, and wooden surfaces must first be coated with a layer of Power Poxy Primer.

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 thinning of the mixture is required, gradually dilute using Power Solve 7 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.
- For a textured surface, spray the first coat with a fine, clean layer of sand [0.25–0.9 mm] at a rate of 1 kg/m².

- 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, 3, 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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