

Power Poxy Non-toxic

An epoxy final product for drinking water projects and industrial projects, offering high chemical and mechanical resistance.

Description: -

A high-quality, solvent-free epoxy product. Based on liquid epoxy resin, selected pigments, additives, and a special amine hardener. It is resistant to bacteria and fungi, non-toxic, in the form of two compounds.

Usage: -

- Painting walls and floors exposed to chemicals and harsh conditions, such as drinking water tanks, hospital rooms, walls and floors of chemical factories, textile factories, workshops, distillation units, boilers, dairy labs, laundries, slaughterhouses, garages, nuclear power plants, warehouses, staircases, road and bridge structures, water and sewage treatment plants.
- Painting iron tanks, pipes, machinery, and steel structures exposed to chemical influences or harsh conditions.
- Can be used on wooden surfaces, cement plaster surfaces, or metal surfaces.

Note: Epoxy paints are resistant to chemicals and abrasion, but exposure to ultraviolet rays may cause some color changes while maintaining their chemical and mechanical resistance.

Characteristics: At 25°

color	Grey / White
Solid content ratio by weight A to B.	100 %%
Density kg/liter	1.34 \pm 0.05
Mixing ratio by weight A to B.	7 : 1
Operating period	75 Minutes (decrease as temperature increases)
Initial setting time	8 hours
Final setting time	24 hours
Full hardness	7 days
Second coat	18 : 24 hours
Rate of use	205g / m ² (Thickness 150 micron)

Application instructions: -

- The substrate must be cleaned well, and free from dust, oils, grease, and friable particles and rust must be removed in the case of metal surfaces.
- It is preferable to apply a primer coat of Power Epoxy Primer on concrete surfaces and Power Shield C on metal surfaces.
- 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.
- The product can be painted using a brush, epoxy roller, or spray gun.
- 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 any watercourse or soil.
- The used tools should be washed immediately after completion with the cleaning solvent Power Solve 1.
- Dispose of product residues or empty containers according to local environmental regulations.

Packages: -

A set of two compounds [A + B], group capacity [1, 4.5, 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, please contact the technical department.

