Power Poxy QQ

Solvent-free, fast-drying, multi-purpose epoxy product

Description: -

A fast-drying, solvent-free epoxy product with high resistance to mechanical and chemical stresses, in the form of two compounds.

Usage: -

- Used as a protective layer for concrete surfaces, floors, and plaster surfaces.
- Used as an adhesive for applying pictures or posters on surfaces for creating 3D floors.
- Used for repairing cracks and defects in marble, granite, and walls.
- Used for filling and sealing joints, cracks, and gaps in concrete floors and ceramics.
- Used for filling and packing voids under steel columns and machines.
- Used for repairing concrete structures and airports.
- Used in the production of non-shrinking epoxy mortar for various purposes.
- Used for bonding most construction materials.

Advantages: -

- Fast-drying, making it ideal for most applications.
- High hardness and strong adhesion to various surfaces.
- Can be mixed with graded fillers to create epoxy mortar if needed.
- High resistance to mechanical stresses and harmful chemicals.
- High resistance to water and moisture.
- Can produce non-shrinking epoxy mortar for various purposes.

Characteristics: At 25°

color	Transparent
Mixing ratio by weight A to B.	3 : 1
Density kg/liter	1.11 ± 0.03
Solid content ratio by weight A to B.	100 %
Operating period	Average 15 minutes
Initial setting time	45 minutes ± 5 minutes
Final setting time	Average 4 hours
Full hardness	7 days
Minimum Temperature	5°c
Rate of use	0.5 Kg /m² first coat 0.25 : 0.40 Kg /m² second coat 1.25 to 1.5 kg/m² for mortar with a thickness of 5 mm

Application instructions: -

Substrate preparation

- The concrete must have a resistance of not less than 250 kg/m² and the surfaces must withstand the stresses they will be subjected to.
- The surface must be dry with a moisture content not exceeding 4%.
- The surface must be clean and free of dust, impurities, oils, greases, and any materials or parts that may hinder the adhesion process with the concrete surface.
- The surface to be applied must be prepared according to industry standards.
- The surface should be thoroughly cleaned with Power Solve 1

Mixing and Apply

- Stir compound [A], then add the entire content of compound [B] and mix the mixture well for three minutes using a slow-speed mechanical mixer (300 RPM) until homogeneity.
- Apply the product using a brush, an epoxy roller, or an air spray gun.

In case of use for making epoxy mortar

- Follow the same steps as before for mixing components [A + B].
- Gradually add the fillers while continuously stirring at a slow speed until fully blended.
- The mixing ratio of epoxy to fillers depends on the intended use of the mortar.

- It is recommended to apply a primer coat of Power Poxy QQ before spreading the epoxy mortar.

Different mixing ratios based on usage:

- The mixing ratio is [3 A: 1 B] when used as a transparent layer.

For use as self-leveling mortar:

- The mixing ratio is [3 parts epoxy A + B]: filler from 1:2 to 1:4.

For use as mortar for industrial floor coverings, repair work, surface reinforcement, and filling various joints:

- The mixing ratio is epoxy [A + B]: filler from 1:5 to 1:10.

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: -

A set of 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, 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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