

Power Mastic 900

High structural flexible epoxy paint

Description:-

A highly structural flexible epoxy paint containing solvents, based on epoxy resin, special polyamide hardener, and high-quality pigments.

usage:-

- It is used for paint with high chemical, land, and friction resistance.
- It is used in painting marine structures to protect steel structures from corrosion and the impact of chemicals and salts.
- It is used in painting iron surfaces, tanks, machines, road installations, and bridges.
- It is used in painting oil tanks and pipes, storage tanks, power plants, and oil refineries.
- One or two faces can be painted on request because it gives a thick paint layer that shortens the number of faces to reach the required thickness.
- It can be applied directly on rusty surfaces without needing a primer.
- It can be used as a high-thickness primer or as an intermediate layer in the case of interior paints and two layers in the case of iron structures under the surface of fresh water and external paints with the use of a suitable final face such as Power Finish PUR

Advantages: -

- It is given a thick paint layer without liquefaction.
- Impermeable which provides high protection against rust.
- High solid content with few solvents.
- High resistance to wear, friction, and adhesion forces.
- Retains some elasticity after drying.
- Shock resistant.
- Quick-drying.
- It can be used as a primary, middle, or final layer, and it can be used as a single layer in different environments.
- The possibility of applying it in cold weather even below zero.

Characteristics [at 25°C]

Color	Grey / Customized
Ratio of solids by weight	86 ± 2%
Ratio of solids by volume	76 ± 2%
Density	1.60 ± 0.05g/cm ³
Uptime	Not less than 4 hours
Mixing ratio by weight A : B	5 : 1
Surface dry time	Average 90 minutes
Next face painting time	16: 18 hours
Final dry time	24 hours
Full hardening time	7 days
Consumption rate (Theoretical)	4.5 m ² / L (dry thickness 150 microns)
Dilution ratio	Anaerobic spray gun (as needed) Brush & Roller (as required) 5 : 10%

Application Instructions: -

- The surface to be painted is thoroughly cleaned of dust, oil, grease or disassembled parts using Power Solve1 and a wire brush.
- Compound A is first flipped using a slow-speed mechanical tipper (300 rpm)
- Add compound "B" and stir for at least 5 minutes at the same speed as before until completely homogeneous.
- Adhere to the appropriate stirring speed to avoid air bubbles inside the product during stirring.
- Take into account the application of the product in the first half hour after stirring to get the best results.
- Apply the product with roller, brush or airless spray gun (spray pressure 250 bar - spray hole 0.017:0.021 inches)
- Dilution with Power Solve 5 of 5: 10% depending on the method of use.
- Used tools should be cleaned with Power Solf 1.
- Due to the speed of drying of the paint layer, the brush or roller is used to paint small areas, and spray is used to paint large areas.

Safety Precautions: -

- The product should be applied in a well-ventilated place.
- Use gloves, goggles and special clothing during application.
- It is strictly forbidden to eat, drink or smoke during application.
- In case of skin contamination, wash the contaminated part with soap and water.
- In case of eye contamination, wash them thoroughly with copious amounts of lukewarm water and consult a doctor immediately.
- Avoid pouring product residues into any waterway or soil.
- Immediately after completion of work, wash the tools immediately after completion of work with Bauer Solvent 1.
- Product residues or empty packaging are disposed of in accordance with local environmental laws.

Packaging: -

Two compounds capacity [1 kg box]

[Gallon 4 kg]

[Jerry cans 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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