

EAMICOAT EPW

High Build Epoxy Resin Coating

Product Description

EAMICOAT EPW is a non-toxic solvent, free epoxy floor and wall coating.

Typical Applications

- For protection of concrete or metal surfaces which are in contact with potable water.
- Provides a chemical resistant surface.
- Provides corrosion resistant, coating on steel substrate.
- Provides a protective and decorative coating.

Product Features

- High build coating.
- Non-toxic.
- High chemical resistant.
- Flexible waterproofing membrane.
- Can be used in conjunction with glass fibers to improve impact resistance, tensile strength and bridge hair cracks.

Standards

EAMICOAT EPW complies with ASTM C 881, Type 3 and Grade 2.

Guide for Application Surface Preparation

Concrete surfaces should be sound, clean, & free from any dust. Remove all loose particles, oil, curing compounds and greases. All concrete surfaces receiving coating should be at least 28 days old. For steel surfaces, any rust should be removed by blast cleaning to near white metal Swedish standard Sa 2 ½. Stir well both tins (resin and hardener) before mixing. Mix the entire content of the hardener to the base of EAMICOAT EPW. Mix using a slow speed electric drill fitted with a mixing paddle. Ensure that both materials are mixed till a uniform color is formed. No partial weighing is allowed on site

Coating

EAMICOAT EPW could be applied by brush, lambs wool roller or by spray equipment. Apply the first coat assuring a continuous coating of uniform thickness and allow it to cure over-night, and then apply the second coat till reaching the required thickness. If it is needed to increase the coating thickness or to bridge cracks in the substrates, fix a fiber glass cloth whilst the first coat is still wet, then brush applies the second coat.

Coverage

3 - 4 m²/kg.

Technical Properties

Pot Life	30 minutes at 35°C.
Specific Gravity (Mixed)	1.2 at 35°C.
Initial Cure	12 hours at 35°C.
Final Cure	7 days at 35°C.
Finished Film Appearance	High gloss, heavy bodied, ultra dense surface, hygienic & easily cleaned.
Volume Solids	100 %.
Chemical Resistance	Fully cured, it has an excellent resistance to chlorinated water, sewage, sea water, sodium hydroxide, petrol and gas oil.

Packaging

EAMICOAT EPW is supplied in 5 kg. packs (two component).

Cleaning

Tools should be cleaned immediately with EAMIC solvent no. 2 after use.

Storage

EAMICOAT EPW should be stored under shed.

Shelf Life

One year if stored properly in its original well closed container.

Health and Safety

- It is not allowed to smoke during application.
- Contact with skin should be avoided.
- Any splashes should be washed with soap and water.
- Seek medical assistance in case of contact with eyes after washing it with running water.

Warranty

We warrant our products to be of good quality & manufactured to rigid standards. This Warranty is in lieu of any & all other warranties expressed or implied. This data sheet is published for information only. It is believed to be correct but no liability is accepted for it or the suitability of the product for any particular purpose. EAMIC TRETOL services are free & the company does not accept liability for any loss arising from it. Max liability is limited to substituting the same quality of material.

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Edition 01.2019

