

POLY COAT EPW

PRODUCT DESCRIPTION

POLY COAT EPW is a non toxic solvent free epoxy coating, for horizontal and vertical surfaces.

TYPICAL APPLICATIONS

- For protection of concrete & metal tanks containing potable water, grains & sugar.
- Provides a chemical resistant surface to food processing areas.
- Used as a protective and decorative coating in hospitals, kitchens & laboratories .

PRODUCT FEATURES

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

STANDARDS

POLY COAT EPW complies with ASTM C 881, Type III, and Grade 2.

PROPERTIES

Pot Life

30 minutes at 350C.

Specific Gravity (Mixed)

1.2 at 350C.

Initial Cure

12 hours at 350C.

Final Cure

7 days at 350C.

Finished Film Appearance

High gloss , ultra dense surface, hygienic and easily cleaned.

Volume Solids

100%.

Chemical Resistance

Cured coating has an excellent resistance to chlorinated water, sewage, sea water, sodium hydroxide, petrol and gas oil.

GUIDE FOR APPLICATION

Preparation

Concrete surfaces should be sound, clean & free from any dust.

Remove all loose particles, oil, curing compounds and grease.

All concrete surfaces receiving coating should be at least 28 days old with moisture content less than 5%.

For steel surfaces, any rust should be removed by blast cleaning to near white metal Swedish standard Sa 2 1/2.

Stir well both tins (resin and hardener) before mixing.

Mix the entire content of the hardener to the resin of **POLY COAT EPW**, using a slow speed electric drill fitted with a mixing paddle. Ensure that both materials are mixed till a uniform colour is achieved.

No partial mixing is allowed.

Coating

POLY COAT 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 overnight, then apply the second coat till reaching the required thickness.

If it is needed to increase the coating thickness or to bridge fine cracks in the substrates, fix a fiber glass cloth whilst the first coat is still wet, then brush apply the second coat.

CLEANING

Tools should be cleaned immediately with **POLY SOLVENT**.

PACKAGING

POLY COAT EPW is supplied in 5 kg. packs (two components).

COVERAGE

3.0 -4.0 m² / kg

STORAGE

POLY COAT EPW should be stored under shed.

SHELF LIFE

One year when stored as recommended.

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.

TECHNICAL SERVICES

For any further technical advice and recommendation for the use of all **POLYCOO** products, please consult the nearest **POLYCOO** technical office.

GUARANTEE / WARRANTY

We warrant our products to be of good quality and manufactured to rigid standards. This warranty is in lieu of any and all other warranties expressed or implied.

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Under technical collaboration with

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