

POLY COAT ET

Pitch Extended Epoxy
Resin Protective Membrane

PRODUCT DESCRIPTION

POLY COAT ET is a two - part pitch epoxy, based on purified coal tar pitch and pure epoxy

TYPICAL APPLICATIONS

- Where normal bituminous coating cannot resist heat or mechanical abrasion.
- In sewage works & areas subjected to chemical attack.
- To protect concrete & metal structures from corrosion.
- As a waterproofing membrane for concrete surfaces.

PRODUCT FEATURES

- Heavy duty lining for sewage pipes.
- High build coating.
- Chemical and abrasion resistant.
- Easy applied by brush, roller or spray equipment.

PROPERTIES

Pot Life
40 minutes at 20°C.
Specific Gravity (**Mixed**)
1.4±0.05 at 20°C.

Colour

Black.

Initial Cure

24 hrs. at 20°C.

Final Cure

7 days.

Volume Solids

100 %.

Recommended Thickness

300 - 350 microns D.F.T.

CHEMICAL RESISTANCE

Fully cured coat has an excellent resistance to seawater, sewage water, ground water, sewage gases, diluted acids and alkalies, salt solution, mineral oils and fats.

GUIDE FOR APPLICATION

Preparation

Concrete surface should be sound, clean and free from any dust, loose particles, oil, curing compound and greases. Concrete age should be 28 days at least.

For steel surface, any rust should be removed by blast cleaning to near white metal, Swedish Standard Sa 2 ½.

Mixing

Stir well both tins (resin and hardener) before mixing. Mix the entire contents of hardener and resin of POLY COAT ET using a slow speed electric drill fitted with a mixing paddle for 3 mm., until a uniform and homogeneous consistency is achieved.

Partial mixing on site is not allowed.

Coating

POLY COAT ET could be applied by brush, lambs wool roller or by airless spray equipments. Apply number of coats needed to reach the required thickness. Allow 15 hrs. between coats in well ventilated areas. To achieve maximum adhesion, apply consecutive coat between 15 - 40 hours. If more time elapses between coats, then preceding coat must be roughened.

CLEANING

Tools should be cleaned with SOLVENT

PACKAGING

POLY COAT ET is supplied in 24 kg. packs (two components)..

COVERAGE

Theoretical:

2.00 m²/ kg for 350 microns D.F.T

Practical : may be lower than the theoretical depending on method of application & substrate porosity.

Number Of Coats: 2-3

Depending on application method to reach the recommended thickness.

STORAGE

POLY COAT ET should be stored in cool dry shaded areas.

SHELF LIFE

One year when stored as recommended.

HEALTH AND SAFETY

- Any splashes on skin should be washed with soap & water.
- Seek medical assistance in case of contact with eyes, after washing it immediately with running water.

GURANTEE / WARRANTY

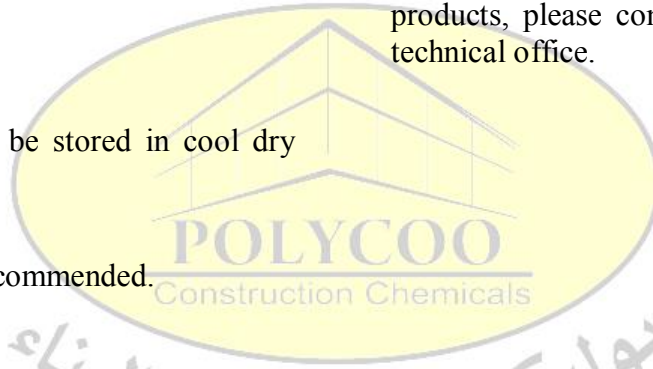
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TECHNICAL SERVICES

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



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