

SINGLE COMPONENT POLYURETHANE PRIMER

Product

Polycoat 1-C is a single component polyurethane system consist aliphatic polyols and cures with humidity of environment .

Advantages,

Polycoat 1-C is a special design , polyurethane based concrete surface renewing materials and use for to get a non skid area, Crack filling and water isolation , as a Polyuethane Sealer also designed for wood, metal and steel surface. It comes ready to use and easy to apply with a roller.

Application Area

- *Coloured or transparent floor coatings.
- *All kinds of protective coatings.
- *Coatings that needs high solvent and chemical resistance.
- *As a primer coating for POLYCOAT 2 C
- *Concrete, wood ,steel surface
- *Crack filling .
- *Binder for old and new concrete
- *As a water membrane on roofs and walls
- *Bridge deck,
- *Area to exposed Sea water attackts

Application

- *Application surface should be completely dry.
- *The solution should not be kept in touch with air for long periods before application.
- *Filler material for floor coatings (e.g.; silica) should be added after the filler material is dried completely and should be added just before the application.
- * Application thickness should be low and the consumption should not be exceeded 300 gr / m². Without fillers For thicker coatings, the application should be in layers.
- *Application should be done in ¾ - 1 hour after filler addition.
- *Touch dry time is almost 3 – 6 hours. However, complete curing occurs in a few days. Thus, the fresh film should be used carefully.

Properties of the Solution

- *Newtonian fluid behaviour.
- *High wetting ability.
- *High penetration property.

Film Properties

- *Coloured or transparent, slightly yellow.
- *Though but not brittle.
- *It does not cause blockage.
- *High chemical and hydrolysis resistance.
- *High adhesion on all surfaces
- *The film does not catch dust.
- *High abrasion strength.



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Coverage

Depending on the surface porosity and weather conditions 300 gr -2.2 kg /m²
With various application

Thinner

Special thinner is required ,for cleaning the tools.

Storage

- Store in a dry , non humid area,
- Store in a cool area away from direct sunlight and any fire source or sparks.
- Store for 3 months in it's original unopened containers.

Personal Precaution

It is irritating to eyes and skin and may cause sensitization by skin contact, wear appropriate gloves and protective clothing to prevent contact with skin and clothing.
Wear safety glasses,goggles to prevent eye contact.

Package

10 to 200 kg barrels or 1 ton IBS according to the customer use

Fire fighting measures

Extinguishing media: Sand ,water spray, carbon dioxide and dry chemical (extinguishing powder).
Do not use water jet.

Important information

This product is for industrial use only, by professional trained personnel using proper equipment

* After the completion of surface preparation ,It is very important to ensure good ventilation before starting application.

- Stir before use.
- Apply evenly on the dry clean concrete surface using conventional methods (brush, roller or a spray gun).
- Leave to dry and cure ,do not open to pedestrian traffic for at least 48 hours.
- It is advisable not to apply Polycoat 1 C under 7-8°C temperature and when humidity is more than 85 %. Application can be resumed when suitable weather conditions are available.
- More than one coat can be applied, allowing for at least 4 hours between each coat.

LIMITED WARRANTY

Our recommendations, statements, technical data and information contained herein are information received from our raw material suppliers and

other sources and is believed to be correct. However we make no warranty , expressed or implied regarding the accuracy of this data or the results to be obtained from the used therefore This product is warranted to be of merchantable quality when used according to the instruction herein. It is not warranted to be suitable for any purpose or use other than the general purpose for which it is intended. Liability under this warranty is limited to the replacement of the product as purchased, if found to be defective upon inspection by the manufacturer. we assume no responsibility to injury from the use of this product described herein.



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