

DESCRIPTION

EPO FLOOR PR is a two component, solvent free epoxy primer for coating and flooring system. It is suitable for use in hot and tropical climatic conditions.

TYPICAL APPLICATIONS

EPO FLOOR PR is used in warehouses, garages, treatment plants and all kinds of industrial floors as primer coating prior to **EPO FLOOR CT** epoxy coating application.

ADVANTAGES

- Used as primer for all kinds of industrial floor surfaces and vertical concrete surfaces before coatings.
- Prevents surface from dusting and corrosion. Increases surface strength and durability.
- Has high rate of penetration to concrete surfaces.
- Excellent adhesive for bonding concrete, ceramic, steel or wood.
- Enhanced adhesion of finish coat ensures longer durability.
- Resistant to a wide range of acids, alkalies and industrial chemicals.
- Cured surface is impermeable to water.
- Factory quality controlled pre-weighed quantities reduces site errors.
- Economic and easy to apply.

PRODUCT DATA

Form	Liquid
Color	Transparent
Consumption	0.150Kg to 0.250Kg/m ² depends upon substrate surface and quality
Packing	15Kg Set (A+B).
Shelf Life	12 months, In unopened package, dry and cool environments

TECHNICAL SPECIFICATION

Test Name	Average Result
Density	1.08 ± 0.02 Kg/Ltr
Pot life @ 25°C	90 – 120 minutes
Tack Free Time @ 25°C	4 - 5 hours
Hardening	1 - 3 days between 10°C and +30°C walkable 24 hours later. Vehicular traffic may be allowed 7 days later
Bond Strength	Bond Strength is higher than the tensile and shear strength of the concrete.
Minimum application Temperature	5°C
Chemical Properties	Excellent resistance to most aqueous systems, sewage, urine, fresh water, sea water, alkalies, diluted acids, mineral oils, vegetable oils & fats, ammonia and formaldehyde.



PERFORMANCE STANDARDS

ASTM-C 881

EPO FLOOR PR

Epoxy Resin Primer for Flooring and Coating System



APPLICATION PROCEDURE

SURFACE PREPARATION

Surface preparation must be thorough. Light mechanical scarifying or captive blasting is preferred to acid etching which is only acceptable where access to mechanical equipment is not possible. Chemical degreasers are only recommended for the removal of light oil contamination prior followed by mechanical treatment. New concrete must be cured for at least 21 days and have a moisture content of less than 5%. The substrate should not suffer from rising damp conditions.

MIXING

The total base and hardener components should be thoroughly mixed in the base container.

APPLICATION

After mixing immediately apply to the previously prepared substrates using a short haired stiff nylon brush ensuring thorough wetting of surface. Consumption rate is 0.150 Kg to 0.250 Kg/m² depends upon substrate surface and quality. Please refer to respective datasheets for the time of application of subsequent Toppings.

PRECAUTIONS

CLEANING

Spillages should be absorbed with sand or earth etc.; and disposed in accordance with local regulations. Clean tools and equipment with water/ solvents immediately after use.

HEALTH AND SAFETY

EPO FLOOR PR should not come in contact with skin and eyes or be swallowed. Avoid prolonged inhalation of vapours. Some people are sensitive to epoxy resins, therefore, protective gloves, goggles and barrier creams should be used. Ensure adequate ventilation and if working in enclosed areas, suitable breathing apparatus must be used.

If this primer comes in contact with skin, it must be removed before it gets dry by washing with soap and plenty of clean water and seek medical advice. If swallowed, seek medical

EPO FLOOR PR

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