

TRI-COAT 3030

Highly chemical resistance epoxy coat

Description

Tri-Coat 3030 is a two component, solvent free, epoxy resin with special hardener as flooring and wall coat for highly chemical resistance, sugar resistance, abrasion resistance and highly mechanical resistance.



Uses

Tri-Coat 3030 be used as abrasion resistance, chemical resistance, & floor and wall coating in areas such as:

- Chemicals and pharmaceutical industries.
- Soft drinks and sugar industrial area.
- Tanks , silos and power stations.
- Warehouses.
- Care production areas. Dairies & food industries.
- Garages. Production areas.

Advantages

- Smooth and high build floor coating.
- Solvent free and odorless.
- Excellent adhesion to most substrates.
- Wear & abrasion resistance.
- High mechanical strengths.
- Can be done as Slip resistance.
- Highly Durable.
- Good chemical resistance.
- Hygienic, anti bacterial growth.

Technical Data @°25c

DISCRETIONS	VALUE
Color	Grey and other required color
Solid Content	100 %
Specific Gravity	1.55 ± 0.1 @ 25 °C depending on the color.
Pot Life	30-40 minutes @ 25 °C
Full Cure	7 days @ 25 °C 5 days @ 30 °C
Light Traffic	After 24 hours @ 25 °C After 18 hours @ 30 °C
Coverage	Approximately 3 –3.5 m2 /Kg at 200 micron D.F.T.
Bond Strength † Concrete(dry)	> 2 N/mm2 concrete failure

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Factory & Head Office:

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Chemical Resistance

TEST	RESULT
Hydrochloric acid (36 %)	Good
Hydrochloric acid (25 %)	Excellent
Sulfuric acid 50 %	Good
Acetic acid (10 %)	Excellent
Nitric acid (25 %)	Good
Phosphoric acid (60 %)	Excellent
Na OH (50 %)	Excellent
Fuels	Excellent

Good: means (no plastering or bubbles –change in color)

Excellent: means (no plastering or bubbles – no change in colors)

Visual inspection shows no effect, **Tri-Coat 3030** is resistant to a wide range of chemicals and sugar. Specific data is available on request

Directions for use

Surface Preparation

All surfaces should be sound, dry, free from oil, grease and loosely adhering particles. Steel surfaces should be free from scale and rust.

The concrete age should be 28 days at least.

Priming

All surfaces should be primed with Tri-Prime range (see separate data sheet). The primer should be allowed to achieve a tack-free condition before

Applying **Tri-Coat 3030**.

Mixing

Mix component A(Base) well then pour all the amount of the component B (Hardener) to it. Mix thoroughly by slow speed electric drill (300-500 rpm) until a smooth and even consistency is achieved.

Application

Apply the mixed material to the prepared & primed surface using stiff brush, roller and spray.

Package

Tri-Coat 3030 :- Pail 5 Kg.

Storage

Tri-Coat 3030 should be stored at room temperature in dry warehouse

Shelf life

Two Years in original packing.

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Health and Safety

- Epoxy Resins contain irritants, especially to the skin, eyes.
- Persons handling these materials should use appropriate protective clothing, including rubber or plastic gloves.
- If the epoxy resin should contact the skin, it should be removed immediately with a dry cloth or paper towel, and the areas of contact washed thoroughly with soap and water.



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