

COSTAFLO 500

Two components, solvent free, Epoxy Primer

Description

COSTAFLO 500 is two-component solvent free epoxy primer with high mechanical strength developed for use on metal and concrete surfaces.

Typical Application

COSTAFLO 500 can be applied as both primer and base coat over metal and concrete surfaces in;

- Factories
- Warehouses
- Shopping Centers
- Wastewater treatment plants
- Areas where heavy forklifts and corrosive chemicals are of concern

Advantages & Benefits

- Ensures a hard and durable surface
- Seals surface preventing water, fuel and oil permeability
- Does not contain pigments
- Ensures safe use in places with poor ventilation
- Seamless dust free and easy to clean surface
- Excellent surface hardness, mechanical and resistance
- Excellent flexural and tensile strength
- Dense corrosion resistance surface

Application Instruction

■ Surface preparation

New concrete surfaces and cementitious plasters must be cured for at least 28 days. It should be dry, free from loosely adhering particles, laitance and grease. All particles must be vacuumed from the surfaces before application. Sand blasting also must be made if necessary.

Old concrete surfaces, cementitious plasters and all other similar surfaces should be dry, free from loosely adhering particles, laitance, grease, paint and should be cleaned with a light sand blasting process if possible or by scraping or brushing.

Product Preparation

Mix the entire content of each container together and stir thoroughly slowly. Add convertor slowly while mixing the base, then speed up the mixer slightly and completely mix to a homogenous condition.

Application Condition

Surface Temperature: Minimum +10°C / Maximum +30°C

Ambient Temperature: Minimum +10°C / Maximum +30°C

Material Temperature: It must be between +10°C and +30°C.

Surface Moisture Content: Humidity rate in the concrete must be maximum 4%.

Relative Humidity: It must be maximum 80%.

Dew Point: Temperature of the surface to be applied must be at least 30°C above the dew point.

Technical Specification

Number of Components: 2

Mixture Pot Life: 35 Minutes /23°C, 200 g. (DIN 16945)

Mode of Application: Paint Roller, Brush

Consumption: 400 g/cm² (200-225 μ dry film thickness), depending on the surface

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VOC: 0 g/l (does not contain volatile organic materials.)

Shelf Life: 1 year in its original intact container at temperatures between +5 and + 25°C

Packaging

- 8.5Kg + 4Kg
- 17Kg + 8Kg

Consumption

Total Minimum Consumption: 0.20-0.50 Kg/m²

Note: Note that consumption may vary depending on the state of the substrate

Technical Data

Dry Time

Temperature	Pedestrian Traffic	Mechanical Strength	Chemical Resistance
+10°C	36 hours	5 days	10 days
+20°C	24 hours	3 days	7 days
+30°C	16 hours	2 days	5 days

Limited Warranty

All recommendations, statements and technical data herein are based on tests we believe to be reliable and correct, but accuracy and completeness of said tests are not guaranteed and are not to be construed as a warranty either expressed or implied. User shall rely on his or her own information and tests to determine suitability of the product for the intended use and user assumes all risk and liability resulting from his or her use of the product. Nothing contained in any supplied materials relieves the user of the obligation to read and follow the warnings and instruction for each product as set forth in the current Technical Data Sheet, product label and Safety Data Sheet prior to product use away.

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