



ULTRA PU TOP COAT

Admixtures

Surface Treatments

Protective Coatings

Concrete Repairs

Industrial Flooring

Grouts & Anchors,

Adhesives,

Water Proofing

Sealants

Description

Ultra PU Top Coat is two components: aliphatic isocyanate cured polyurethane topcoat.

Features

- High weather and chemical resistance
- Excellent gloss and color retention
- Easy to clean
- Excellent UV resistance

Recommended Use:

As a protective finish coat for protection of structural steel concrete walls/floors where superior performance, attractive appearance gloss retention and high corrosion resistance is required such as chemical plants, pulp & paper mills, off-shore platforms, petroleum refineries and containers. Pharmaceuticals beverage plants, Food processing areas, Shopping Malls etc

Physical Properties

Finish	Semi-gloss - Gloss
Color	Upon request
Solid by volume	55±5%
Specific Gravity	1.3±0.1 gr/cm3
Flash Point	28°C
Recommended D.F.T	40-60 microns
Theoretical coverage	15-8.33 m ² /lit
	Practical coverage depends on loss factor
Touch dry	5 hrs. at 20°C
Hard dry	24 hrs. at 20°C
Full cured	7 days at 20°C
Thermal resistance	Max. 120°C (dry exposure)

Application

Application Method:

Air/Airless spray, brush, Roller

Surface Temperature: 10-40°C

Mixing Ratio(by weight): 5:1

Packing (A+B): 5 Kg, 10 Kg,

Hardner(B): A275-2007-50

Thinner/Cleaner: A840-0414

Recoat Interval: Min 16 hrs. at 20°C, Max 7 days. At 20°C

Pot Life: 5 hrs. at 20°C

Application condition:

Apply only on a dry and clean surface with a temperature above the dew point to avoid condensation environment temperature should be 100c min and 40°C max and relative humidity: 80% maximum.

Nozzle orifice: 0.017"-0.021"

Nozzle pressure: 150 bar/2175 psi. Airless spray is indicative and subject to adjustment.

Surface Preparation:

The surface must be clean and dry. All dirt, grease and any other foreign materials should be removed. For old coated surfaces. It may be necessary to roughen the surface.

Surface Preparation:

Detail information is given on material safety data sheet (MSDS). Avoid inhalation of spray mist or vapor. Avoid skin and eye contact. Paint contacted with skin should be immediately removed with water and/or suitable cleaner. Eyes should be flushed with water and seek immediately medical attention. Since this product contains flammable solvents, keep away from sparks and open flames.

Application and handling of this product should be in compliance with relevant national resolutions. Avoid to apply wet surface or area having moisture.

Storage:

Store in dry, cool condition and away from sources of heat and ignition. Containers must be kept tightly closed. Store conditions shall be in accordance with national regulations.

Shelf Life:

12 Months from date of production.



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