



ULTRA PU INTERMEDIATE

Polyurethane Based Intermediate Coating for Steel/Cementitious Surface

Admixtures

Surface Treatments

Protective Coatings

Concrete Repairs

Industrial Flooring

Grouts & Anchors,

Adhesives,

Water Proofing

Sealants

Description

Ultra PU Intermediate is two components, aromatic isocyanate cured polyurethane primer or intermediate.

Recommended Use

As an anti-corrosive primer on industrial structures, tanks, chemical & petrochemical atmospheric environments, pulp & paper industry, food, & beverage plants, sugar industry, fertilizer plant, Power plants, dam, oil & gas fields, cement factories, leather tanneries, pharmaceutical, bridge & marine structure on ships, barge & offshore platforms, also on concrete substrate.

Features

- Good adhesion on metal & concrete surfaces
- Excellent flexibility
- Corrosion resistance properties
- Water & chemical resistance

Physical Properties

Finish	Flat – Semi flat
Color	Upon request
Solid by volume	53±5%
Specific Gravity	1.3±0.1 gr/cm ³
Flash Point	30°C
Recommended D.F.T	80-100 microns
Theoretical coverage	7.25-4.8m ² /Lit
Touch dry	3 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
Packaging (A+B)	Customized
Recoat Interval	Min16 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 surfaces
Nozzle orifice	0.017”-0.021”
Nozzle pressure	150 bar/2175 psi

Surface Preparation

- All surfaces to be coated should be completely clean, dry and free from contamination surface preparation method shall be in accordance with ISO 8504:2000.
- Remove salt and other water-soluble contaminants by fresh water.
- Remove oil and grease with suitable detergent or solvent(SSPC-SP-1)
- Remove rust, mill scale and other loose material completely by abrasive blasting (ISO 8501-1:2007 Sa 2 ½ or SSPC SP-10).

Safety Precautions

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 cleanser. Eye should be flushed with water and seek immediate 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 regulations.

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 nation regulations.

Shelf Life

12 months from date of production.

Packing

2kg, 5kg



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