



ULTRA ANTI-CORROSION

Two part epoxy base Anti corrosion coating

Admixtures

Surface Treatments

Protective Coatings

Concrete Repairs

Industrial Flooring

Grouts & Anchors,

Adhesives,

Water Proofing

Sealants

Description Ultra Anti-Corrosion is two part epoxy base corrosion protection coating provides significant protection against steel reinforcement cement corrosion and all type of steel structures.

PRIMARY APPLICATIONS

- Corrosion protection for Steel reinforcement.
- Marine Structures
- Steel Structures

FEATURES/BENEFITS

- Excellent adhesion to concrete and steel
- Allows flexibility in topping placement, including traffic from ready mix trucks when tack free

Weather-o-meter Testing, (ASTM G 93), 2000 hours no cracking or peeling over steel

Shelf Life: 1 year in original, unopened package.

PACKAGING/YIELD

ULTRA Anti Corrosion is available in 2.5/kg pack. A pack consists of Part A (Hardener) & Part B (Base).

Appearance

When mixed and placed per directions, the product has a Cementitious coating appearance with a light brownish.

DIRECTIONS FOR USE

Substrate surface should be dry for maximum bond strength. In warmer Climates, the substrate may be Saturated Surface Dry (SSD).

(Caution: Do not apply over any standing water.)

Corrosion Protection-

For maximum corrosion protection, steel reinforcement must be cleaned to white metal. Preparation methods include wire wheel cleaning.

Mixing-

Pre-shake Part A before combining Part A with Part B. Add the entire container of Part B to all of Part A. Mix with a mechanical (drill) mixer for 2-3 minutes until uniform. A mortar mixer may be used for large jobs.

Application Bonding

Substrate and ambient temperatures must be between 40°F (5°C) to 120°F (45°C) and the material temperature should be between 65°F (18°C) to 95°F (35°C) for best results. ULTRA ANTI-CORROSION is applied by stiff bristle broom or paint brush at an even coverage.

For large areas, a mechanical scrubber is recommended. Final film thickness must be 80-100 Microns.

Corrosion Protection-

For maximum protection of steel Reinforcement, apply ULTRA ANTI-CORROSION in two

coats, with each coat brushed on at 14-16 m²/kg). After the first coat is placed, allow to dry tack free before the second coat is placed.

CLEAN-UP

Clean tools and equipment with Ultra Solvent before material dries.

P R E C A U T I O N S /LIMITATIONS

- For best results, place at ambient and material temperatures of 40°F (5°C) to 120°F (45°C). Material

temperature should be between 65°F (18°C) to 95°F (35°C).

- Don't allow the material to be freeze during storage

TECHNICAL INFORMATION

Typical Engineering Data @ 70oF (21oC)

Consistency: brush-able coating

Pot Life... 5-7 hrs

Initial Hardness 48 hrs

Full Cure 7 days

Maximum Overlay time 24 hrs @ 20o C.

Compressive Strength (ASTM C 882) (psi 7000) 50 N/mm²

Tensile Strength psi 2900 (ASTM-C 882) (20 N/mm²)

Flexural Strength psi 5000 (ASTM-C 882) (35 N/mm²)

Shear Bond Strength psi 3600 (ASTM-C 882) (25 N/mm²)

Storage:

Avoid to place direct to sun light and always store in shady areas.

ISO Certification:

Our production facility at Pakistan is ISO 9001:2008 ISO 14001:2004 by BUREAU VERITAS And UKAS Management



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