

REC EPO 00293

AMINE CURED 100% SOLIDS, TOP COAT

DESCRIPTION

REC EPO 00293 is a solvent free, high functionality epoxy Novolac coating suitable for immersion and non-immersion service. Designed specifically for as an aggressive chemical and high temperature resistant coating. Produces a tough, chemical resistant coating on ferrous and non-ferrous metals for full immersion and concrete for secondary containment.

TECHNICAL INFORMATION

SOLIDS BY VOLUME	100%
VISCOSITY	80k-105k cps
POT LIFE	25 Min/100gr
MIX RATIO	2:1 by Volume
COVERAGE	26-80 ft ² (7.5 m ²)/gal/coat
WEIGHT PER GALLON	4.76 Kg
ABRASION	Very Good
FLEXIBILITY	Good
FILM THICKNESS	0.51- 1.53 mm/coat
CHEMICAL RESISTANCE:	Excellent
Water	
Alkalis	
Inorganic Acids	
Organic Acids	
Organic Solvents	

DIRECTIONS FOR USE

SURFACE PREPARATION

Steel surfaces are to be abrasive blasted with chloride free abrasive. Exterior applications to SSPC SP-10 Near White metal finish. Immersion applications to SSPC SP-5 White metal 3 to 5 mil profile. Grind flat all burrs, weld seams, radius sharp edges. Fresh blasted ferrous surfaces to be primed immediately to prevent oxidation of surface. Prime with **REC PRIMER**.

Concrete surfaces should be degreased if oil and grease contamination is present. Degreased surface shall be high pressure washed, acid etched and high pressure washed again so surface is clean and free of all grease, oils and surface laitance. Existing coatings should be abrasive blasted to clean concrete. Prime with **REC PRIMER**.

MIXING:

Thoroughly mix Activator into Base with mixing stick or drill with low-speed mixing blade scraping sides and bottom of container or mixing board. Mix by Volume 2 parts Base to 1 part Activator. Or by weight 100 grams base to 51 grams activator. Mix thoroughly to produce an even colored and streak-free material.

RECOAT AND CURING TIMES

Recoating: Recoat using brush or roller while the material is still soft but tack-free, typically within 1–3 hours at 25°C.

Before applying the subsequent coat, it is highly recommended that the previous coat be thoroughly wiped with MEK or acetone. If the recommended recoat window has been exceeded, abrade the surface using coarse sandpaper, a grinder, or brush blasting, followed by thorough wiping with MEK or acetone before applying the subsequent coat.

Full Cure Before Immersion: Allow 72 hours at 25°C before immersion.

For temperatures below 25°C, add approximately 1 hour of additional cure time for every 5.6°C decrease in temperature.

Force Cure: For optimum performance, force cure with heat for 2 hours at 121°C (250°F).

NOTE: Clean tools immediately after use with M.E.K., Acetone or similar.

PACKAGING

REC EPO 00293 is available as a complete kit.

STORAGE & SHELF LIFE

18 months minimum at 25°C. Subject to inspection thereafter. Store in dry conditions out of direct sunlight away from source of heat or ignition.

QUALITY STATEMENT

All our products are manufactured to comply with our internal QA/QC program and quality management system to ensure consistency and quality.

DISCLAIMER

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