

MISCELLANEOUS

Master Format #: 03 21 16

TAMMSBAR

REBAR TOUCH-UP EPOXY COATING



EUCLID CHEMICAL

PACKAGING

0.5 gal (1.9 L) units
Code: TD23901 5

CLEAN UP

Clean tools and application equipment immediately after use with acetone. Clean up spills or drips while still wet with the same solvents. Dried Tammsbar will require mechanical abrasion for removal.

SHELF LIFE

2 years in original, unopened package

DESCRIPTION

TAMMSBAR is a two-part ambient temperature cure thermosetting liquid epoxy coating designed to repair scrapes, scars, damage or imperfections of fusion bonded epoxy powder coatings. TAMMSBAR utilizes the latest in corrosion mitigation technology for long term service life. It can be conveniently applied to rebar with brush, roller or spray in the shop or field. TAMMSBAR meets the stringent standards of ASTM D3963 as a patch compound.

PRODUCT CHARACTERISTICS

PRIMARY APPLICATIONS

- Repair of scrapes, scars, cuts, and splices to coated rebar
- Repair of imperfections in fusion bonded epoxy powder coated materials

APPEARANCE

- TAMMSBAR is a light green color that is matched to standard epoxy coated reinforcing steel.

PHYSICAL PROPERTIES

VOC content: < 5 g/L
Weight/gal: 7.26 lb/gal (0.87 kg/L)

COVERAGE

The coverage rate of Tammsbar is 120 to 175 ft²/gal (2.9 to 4.3 m²/L), with a final film thickness of 8 to 12 mils.

Note: Coverage rates are for estimating purposes only. Surface texture and temperature will determine actual material requirements.

TECHNICAL INFORMATION

The following are typical values obtained under laboratory conditions. Expect reasonable variation under field conditions.

*Material properties @ 75 °F (24 °C)

Test Method	Test Property	Values
ASTM D3963 (A1.4.1) FHWA-RD-74-18, Section 4.1.3	Chloride Permeability, Coating Thickness: 8 mils, 45 days test duration	Accumulative Concentration of Chloride Ions Permeating Through Film: Pass
ASTM D3963 (A1.4.3) ASTM G20	Chemical Resistance, Coating Thickness: 8 mils, 28 days test duration	No blisters or rust holes
-	Flexibility, 1/8" (3.22 mm) Mandrel Bend	Passes
-	Gel Time, minutes	45 to 60
-	Induction Time	none
-	Mix Ratio, by volume	1:1
-	Mixed Viscosity	1,500 cps
ASTM B117 ASTM D3963 (A1.4.2)	Salt Scaling, Coating Thickness: 8 mils, 400 days test duration	No blisters or rust holes
-	Tack Free Time, hours	4 to 5
-	VOC Content	≤ 5 g/L

DIRECTIONS FOR USE

Surface Preparation: Steel surfaces must be clean, dry, free of all oil, grease, dust, scale, rust, damaged coating from the repair area and any other contaminants that may interfere with adhesion.

Mixing: Premix Tammsbar Part A and Part B separately then combine one part by volume of Part A with one part by volume of Part B in a clean, dry container. Scrape the sides of the mixing container at least once during the mixing. Mix until uniform. Do not aerate during mixing. Mix only the quantity of material that can be used with its pot life.

Application: For best results the ambient and surface temperature should be above 50°F (10°C). Minimum application temperature is 40°F (4°C). Tammsbar can be applied by brush, roller or standard spray or airless spray equipment. Apply to the rebar, completely covering the defect area and overlapping onto existing powder coating. Allow the Tammsbar to dry prior to handling and storage.

PRECAUTIONS/LIMITATIONS

- Store at 50 °F to 90 °F (10 °C to 32 °C).
- Do not thin.
- In all cases, consult the Safety Data Sheet before use.

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