



PRODUCT DATA

E-433

Aluminum Epoxy Mastic - Polyrox

Description: A rust-inhibitive, DTM mastic coating designed to permit application to rusty steel. For use in areas where higher performance is needed than can be obtained with conventional coatings, and only hand or power tool cleaning can be performed. Recommended for touchup and protection of weathered aluminum or hot-dipped galvanizing. May be topcoated with epoxy or urethane coatings up to 60 days after application. High volume solids and low VOC.

Typical Uses: For use as a maintenance coating over existing alkyd, epoxy, and zinc rich coatings, which are in sound condition and tightly adherent to the substrate. Useful for the protection of structural steel, piping, bridges, tank exteriors, equipment and other surfaces exposed to corrosive atmospheric or industrial environments.

Dry Temperature Limits: up 250 deg.F

Surface Preparation: Surfaces should be clean and dry. Remove all oil, grease, mildew or other contamination by solvent or detergent cleaning or other effective means.

Application Equipment: Brush, Roller, Airless or Conventional spray. To obtain maximum edge protection and film build, spray application is recommended.

Application Conditions:

- Noncontaminated surface, free of all oil, grease, mildew, other contamination
- Dry, dust-free metal surface
- Metal temperature above 60 deg.F
- Metal temperature at least 5 deg. above the dew point
- Ambient temperature above 50 deg.F
- Humidity less than 90%
- Material temperature between 70 and 90 deg.F

Primer: n/a, self-prime

Thinner: T-152 for spraying or T-154 for brushing

Clean Up Solvent: MEK

Safe Application Conditions: Consult MSDS for proper handling, cleanup, disposal, and use of personal protective equipment. Circulate sufficient air to maintain working environment below the PEL and LEL. Apply according to local, state, and federal (OSHA) regulations.

Finish: high sheen

Color: aluminum

Volume Solids: 80 +/- 2.0% (mixed)

VOC: 1.40 lbs./gal.(166 gm/l), (mixed)

Flash Point: 80 deg.F

Mixing Ratio: 1:1 by volume

Dry Film Thickness: 5 to 7 mils

Wet Film Thickness: 6 to 9 mils

Theoretical Coverage: 1291 sq.ft./
gal.@ 1 mils

Induction Time: none

Pot Life Time: 8 hours @ 75 deg.F

Shelf Life Time: 12 months

Dry Time: @ 77 deg.F (25 deg.C)

Dry to Touch 2 hours

Dry to Recoat 24 hours

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