



PRODUCT DATA

Shinethane Gloss

Aliphatic Polyurethane

E431 - WHITE E434 - GRAY
E605 - BROWN E607 - BROWN
G682 GREEN E690 - GREEN

Description: A two component, high performance, high gloss, aliphatic urethane coating.

Typical Uses: For industrial and commercial use as a high performance protective coating for structural steel, bridges, tank exteriors, piping, machinery, equipment, and other surfaces exposed to corrosive atmospheric or industrial environments. Excellent gloss and color retention for exterior exposure.

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 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 85% - dew, rain, or excessively high humidity may flatten gloss, which will also appear as a color change
- Material temperature between 70 and 90 deg.F

Primer: 1356,305,P-192,P-281,P-300,7510,7500,E-433 OR ANY GOOD EPOXY PRIMER OR INTERMEDIATE COAT

Thinner: T-153 Thinner

Clean Up Solvent: T-153 Thinner

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 gloss

Color: several standard colors, other colors available subject to minimum order.

Volume Solids: 53 +/- 2.0% (mixed)

VOC: 3.43 lbs./gal. (406 g/l), (mixed)

Flash Point: 80 deg.F, (mixed)

Mixing Ratio: 4.2 to 0.8 by volume

Dry Film Thickness: 2.0 to 3.0 mils

Wet Film Thickness: 4 to 6 mils

Theoretical Coverage: 853 sq.ft./gal.@ 1.0 mils DFT

Induction Time: none required

Pot Life Time: 8 hours @ 70 deg.F

Shelf Life Time: 12 months +

Dry Time: @ 75 deg.F

Dry to Touch 30 to 45 minutes
Dry to Recoat 4 to 6 hours

Mixing:Add M-170 Activator to Shinethane Colored Portion and then mix until uniform consistency is obtained. Do not beat air into material. Do not thin until material has been completely mixed; mixing reduces the thickness (viscosity) of coatings. Mix only what can be used during the usable pot life of this coating. Remember, that elevated temperatures mean shortened pot life.

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