



PRODUCT DATA  
**E-375**  
PolyroxHigh Build  
Polyamide Epoxy

**Description:** A two component, high performance modified polyamide cured epoxy coating designed for effective corrosion protection on metal surfaces. A multipurpose coating with excellent abrasion and chemical resistance. Lead and chromate-free. High volume solids and low VOC.

**Typical Uses:** For industrial and commercial use for the protection of structural steel, tank exteriors, equipment, and bridge structures and other surfaces exposed to corrosive atmospheric or industrial environments. Provides excellent protection to structures subject to mechanical abuse.

**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 90%
- Material temperature between 70 and 90 deg.F

**Primer:** n/a

**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:** semi-gloss

**Color:** off-white

**Volume Solids:** 51 +/- 2.0% (mixed)

**VOC:** 3.4 lbs./gal. (402 g/l), (mixed)

**Flash Point:** 45 deg.F

**Mixing Ratio:** 1:1 by volume  
equal parts E-375 with M-156

**Dry Film Thickness:** 3 to 5 mils

**Wet Film Thickness:** 6 to 10 mils

**Theoretical Coverage:** 823 sq.ft./gal. @  
1 mil

**Induction Time:** 30 minutes

**Pot Life Time:** 24 hours @ 70 deg.F

**Shelf Life Time:** 12 months

**Dry Time:** @ 70 deg.F (25 deg.C)  
Dry to Touch 1 hour  
Dry to Recoat 4 to 8 hours

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