

DESCRIPTION

PRECIDIUM™ 41-P Waterborne Epoxy Primer is a two-component, corrosion inhibiting primer. This epoxy primer offers excellent corrosion resistance over properly prepared aluminum and steel substrates. **PRECIDIUM™ 41-P** was designed to be top coated with polyurethane or polyurea topcoats. It significantly improves adhesion and corrosion resistance of polyurea and polyurethane fast-set elastomers.

PROPERTIES

Mix Ratio v/v: 4 Parts Epoxy
 1 Part Hardener
Pot Life: ~2.5 hours (23°C)
Reducer: Water, up to 5% by volume
Recommended DFT: 3-4 mils
Recoat Time: Minimum - 30 minutes
 Maximum - 24 hours
 (Physical abrasion required if re-coat time is exceeded.)

Density, Part A: 1.41 kg/L
Density, Part B: 1.02 kg/L
Volume Solids: 45% +/- 0.5
Weight Solids: 58% +/- 0.5
Coating VOC: 74.3 g/L
Material VOC: 36.1 g/L

* It is necessary to use the material within the stated time limit. The substrate temperature should not be below 12°C and the relative humidity not above 80%.

INSTRUCTIONS



Ensure both Epoxy and Hardener components are mixed and homogeneous prior to use. Mix Epoxy 4:1 by volume with Hardener. Stir thoroughly. Up to 5% water maybe added to reduce viscosity. Apply as required by spray, brush or roller. If spraying, use airless, 1000-1500 psi, min 14 thou FFLP tip, apply one full wet coat. If a second coat is desired allow 10-15 minutes dry time between coats. Allow the final coat to dry a minimum of 30 minutes at 77°F before top coating. If primer has been left to dry over 24 hours, the surface must be abraded to achieve satisfactory adhesion.

NOTE: Never "DRY SPRAY" primers or the product will not sufficiently wet the substrate and corrosion performance will be compromised.

Clean all equipment immediately with water followed by Acetone or Methyl Ethyl Ketone (MEK). If product has begun to set, Acetone/MEK maybe required to effectively clean equipment.

PRODUCT SAFETY

An SDS is available from Quantum Chemical.

STORAGE

Do not freeze or store below 5°C. Store in tightly sealed containers and avoid extreme temperatures to maintain product integrity.

AVAILABILITY

PRECIDIUM™ 41-P is packaged in a pail kit (totalling 5 gallons) and a gallon kit (totalling 1.25 gallons).