ECHO EPOXY PRIMER

• DESCRIPTION & FIELD OF APPLICATION

A high quality two component epoxy primer based on polyamide cured epoxy resin. Echo epoxy primer is used as a sealer coat for interior applications on concrete and cement surfaces where excellent sealing and protection properties are required.
Echo epoxy primer is recommended for use as a prime coat for concrete and cement floors. It provides a sound base for improved adhesion of subsequent Echo Epoxy Coats.

• MAIN FEATURES

- Excellent adhesion to concrete and cement surfaces
- Excellent salt and alkali resistance
- Excellent sealing properties

• PHYSICAL SPECIFICATIONS

- Finish	- Semi-Gloss
- Density kg/L	- 1.02
- Solids by Volume	- 45 + 2%
- Solids by Weight	- 81%
- Dry Film Thickness	- Apprx. 65microns / per coat
- Wet Film Thickness	- Apprx 135 microns /per coat
- Specific gravity	- 1.40 (mixed paint)
- Theoretical Coverage	- 8 m^2/liter @ 65 microns DFT(Depends on the texture and absorption of surface)
- Flash point	- Mixed 26°C
- Drying Time at 25°C	- Touch Dry: 6 hours Hard Dry : 12 hours Recoating Interval:24hours(minimum)

• SURFACE PREPARATION

A. New surfaces:
All new surfaces must be cured at least 30 days prior to application of the primer; the surface must be treated by removing all forms of release and protrusions to get a suitable surface for application.

B. For previously painted surfaces:
Remove old paint from the surface completely. Make sure the surface is completely clean, dry, and free from dust, oil, grease, salt and mold. Fill the holes and the cracks with suitable epoxy crack filler prior to application of the primer then apply the top coat epoxy.

• APPLICATION GUIDE

1. The surface must be free from dust, grease, oil, and other contaminants.
2. Surface temperature during application must not be less than 10°C; the surface moisture should not exceed 8% and the relative humidity at work place not to exceed 70%.
3. Make sure that the base paint and hardener are mixed uniformly.
4. A suitable quantity of thinner can be added to get reasonable viscosity for application.
5. Do not apply on wet and moist surfaces until complete dry.
6. Do not apply next coat until the previous one is completely dry, Minimum recoating interval time should be given between two coats.
7. Adequate ventilation should be provided during drying time.

• INSTRUCTIONS FOR APPLICATION

1. **Airless Spray:** Maximum 5% Thinner may be added
   Tip Size: 0.38 - 0.48 mm (0.015 - 0.019 in)
   Pressure: 110 - 160 kg/cm2 (1600 - 2300 psi)

2. **Conventional Spray:** Maximum 15% Thinner may be added
   Tip Size: 1.80 - 2.20 mm (0.071 - 0.087 in)
   Pressure: 2.75 - 3.45 kg/cm2 (40 - 50 psi)

3. **Brush or Roller:** Maximum 15% Thinner may be added

• COLORS

- White, Multi-color range, as per color card

• POTLIFE

- After mixing the two components:2 hours at 25°C

- **PACKING**

  - Epoxy Resin packed in :19-liter Pail - 1 US gallon
  - Epoxy Hardener packed in :1 US gallon - 1 Kg

- **STORAGE**

  - The product must be kept in cool well-ventilated place, protected from sunlight and heat.
  - Containers must be kept tightly closed after partial usage.
  - Storage life: up to 5 years from date of production, if stored as suggested.

- **REMARKS**

  - Avoid contact with skin and eyes. Wear suitable protective clothing such as overalls, goggles, dust masks, and gloves.
  - Ensure that there is adequate ventilation in the area where the product is being applied. Do not breathe the vapor or spray.
  - When working with Solvent-borne paint in in-sufficiently ventilated areas, forced ventilation system should be provided.
  - This product is flammable. Keep away from sources of ignition. Do not smoke in the work area.
  - All liquid paints should be kept away from children's reach.
  - For more information, please do not hesitate to contact our Technical Department.