ECHO EPOXY

• DESCRIPTION & FIELD OF APPLICATION

Echo Epoxy is a solvent based two part polyamide cured system designed to give a chemical resistant,durable, and hard wearing surface on concrete floors, parking areas, walkways, equipment rooms, and steel surfaces.
Echo epoxy primer is recommended for internal use only.Exposure to direct sunlight will cause yellowing and deterioration of the paint film over time.

• MAIN FEATURES

- Excellent chemical resistance
- Excellent solvent resistance
- Very good hardness
- Excellent abrasion resistance
- Very good flexibility
- Very good salt, alkali, and acid solution resistance.
- High gloss finish

• PHYSICAL SPECIFICATIONS

- Finish	- Gloss
- Gloss	- Above 85%
- Density kg/L	- 1.19
- Solids by Volume	- 75%
- Solids by Weight	- 83%
- Typical Dry Film Thickness	- 70-90 microns/ per coat
- Wet film thickness	- 100-150 microns / per coat
- VOC	- 410 gms/liter
- Specific gravity	- 1.20 (mixed paint)
- Theoretical Coverage	- 10.4 m^2/liter @ 70 microns DFT
- Flash point	- Mixed 30°C
- Drying Time at 25°C	- Touch Dry: 2 hours Hard Dry : 16 hours Recoating Interval: 24 hours$^{(minimum)}$

• 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 protrusions to get a suitable surface for application.

B. Previously painted surfaces:

Remove old paint from the surface completely. Make sure the surface is completely clean and dry;free from dust, oil, grease, salt and mold. Fill the holes and the cracks with suitable epoxy crack filler prior to the application of the primer

- ## 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 shouldnot to exceed 70%.
3. PH Maximum must not exceed 9.
4. Make sure that the base paint and hardener are mixed uniformly.
5. A suitable quantity of thinner can be added to get a reasonable viscosity for application.
6. The mixed paint should be used within pot life (4 hours at 25°C).
7. Do not apply on surfaces until complete dry.
8. Do not apply next coat unless the previous one is completely dry. Minimum recoating interval time should be given between two coats.
9. 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: 130 - 160 kg/cm^2 (1800 - 2300 psi)

2. **Brush or Roller** Maximum 2% Thinner may be added

- ## POTLIFE

- After mixing the two components: 4 hours at 25°C

- ## PACKING

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

- **COLORS**

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

- **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 in vapor or spray.
  - When working with Solvent-borne paint within insufficiently ventilated areas, forced ventilation system should be provided
  - This product is flammable. Keep away from sources of ignition. Do not smoke in the workspace.
  - All liquid paints should be kept away from children's reach.
  - For more information, please do not hesitate to contact our Technical Department.