

EPOTOUGH 3600

Epoxy HB topcoat

Product Description

LP Epotough 3600 is a cycloaliphatic amine cured high molecular weight high volume solid HB epoxy floor topcoat. This product is based on inert anticorrosive pigments & additives ideal to use in environment as an interior topcoat coat. This product has very high film build up with smooth, very good hardness, adhesion, fast drying and chemical & abrasion resistant properties. It is highly recommended for concrete floors along with primer as a basecoat.

Typical Use

Recommended for a wide range of concrete floors with various levels of mechanical and chemical exposure. Specially designed for industrial floors, laboratories, hospitals, food and beverage plants, kitchens, high tech manufacturing facilities, dairies, warehouses, factories and hangars.

Technical Data

% Solids By Weight (NVM)	91 +/- 2		
% Solids By Volume	80 +/- 2		
Colour	White, RAL shades and selected Pantone shades		
Gloss @ 60 G. H.	70 -- 90		
Specific Gravity (Density/WPL) kg/L	1.55 +/- 0.2		
Flash Point	≥26°C		
VOC gm/L (A+B)	≤170		
Theoretical Coverage m²/L	Max	Min	STD
	6.5	4.4	5.3
Dry Film Thickness (DFT in microns)	120	180	150
Wet Film Thickness (WFT in microns)	150	225	190
Mixing Ratio	5 Parts Base & 1 Part Hardener		
Thinner Intake	10 – 20% for air spray		
Pot Life @ 30°C	2 Hours		
Drying Characteristics @ 30°C & ≤85% Humidity			
Surface Dry	90 -- 120 Minutes		
Tack Free	8 Hours		
Full Cure (Min.)	24 Hours		
Recoating Time (Min.)	12 hours		
Recoating Time (Max.)	5 Days		
Shelf Life & Storage	12 Months <i>Keep the containers in a dry, cool, well ventilated space and away from direct sunlight, sources of heat and ignition. Containers must be always kept tightly closed.</i>		
Pack Size	4L, 18L, 20L		

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Application Guidelines

- **Surface Preparation:**

Substrate shall be clean. Traces of dust, rust, wax, oil, grease, loose particles, flakes and other contaminants shall be removed with the use of proper cleaning solvent as mentioned in the SSPC-SP1. Light sanding with abrasive material is recommended, resulting dust should be removed properly. Surface to be recoated should clean thoroughly before application.

- **Paint System:**

Epotough Primer – 1 or 2 coats

Epotough 3600 – 1 or 2 coats

- **Application Tools:**

1. Roller : Recommended.
2. Brush : Care should be taken to achieve recommended DFT.
3. Conventional Air Spray : Add up to 20% thinner

- Air Pressure: 40 – 50 bar
- Tip Size of spray gun: 1.2 – 1.4mm
- Ensure adequate ventilation while spraying and drying
- Substrate temperature must be 3°C above dew point

Health & Safety Measures

(Recommended to Read this section before application)

- Keep out of reach of children
- Recommended to wear overalls, safety goggles and solvent mask while spraying
- Avoid contact with skin and eyes.

First-Aid

- **Eyes** : Immediately flush eyes with water and seek medical help
- **Skin** : Use soap & water or appropriate cleaner
- **Inhalation** : Allow to breath fresh air, loose the neckline and keep him/her rested
- **Ingestion** : Obtain medical help without asking for omitting

Disclaimer

The data provided in this sheet is given to the best of our knowledge and based on laboratory testing and practical experience. We cannot guarantee anything but the product since the conditions and methods during application vary. We reserve the right to change the given data without prior notice. The product data sheet supersedes those previously issued.

For more information, contact our Liberty Paints Representative or go to www.libertypaintsarabia.com or reach to us on support@libertypaintsarabia.com