

## Solvent Free Floor Epoxy Primer

### Description

Happilac Solvent Free Floor Epoxy Primer is a two component with high performance and high build epoxy primer exhibiting excellent adhesion and resistance against solvent, water, mild acids, bases and wide range of chemicals. It ensures excellent penetration and sealing of concrete. It acts as a bridge between the substrate and Epoxy screed and/or self leveling top coat. It has been designed to provide fast drying. It provides economical and hard wearing surfaces at low temperature for a wide range of application. Epoxy Primer may also be used to seal off prepared, aged coating prior to repainting or before applying topcoats.

### Recommended For

Happilac Solvent Free Floor Epoxy Primer is suitable for all industrial floors; clean rooms, parking bays, show rooms etc. where Epoxy self leveling Floor Coating systems are to be used over concrete surfaces.

### Features

- Provides best adhesion between metal and top coats
- Excellent wear resistance
- Excellent chemical resistance
- Minimizes maintenance costs
- Brightens working environment
- Can be used below the water lines
- Excellent adhesion to variety of surfaces
- Easy application
- Easy cleaning

### Limitations

- It is not recommended for surfaces known to suffer from rising damp.
- Pot life is small.

### Product Information

General Properties		Coating Properties	
<b>Specific Gravity</b>			
Component A	1.25±0.05	Strength	Good
Component B	1.02±0.05	Water resistance	Excellent
Mixing ratio	3:1 (Vol/Vol)	Abrasion resistance	Good
Pot Life	Approx. 30-45 Minutes @ 30°C	Corrosion resistance	very good
Thinner	N/A	Shelf life	1 year
Flash Point	65°C	Temperature resistance	up to 100°C
Covering	8-10m <sup>2</sup> /liter/Coat	Chemical resistance	Good
Recommended FT	200-300 micron/Coat	Surface staining may result from exposure to some aggressive chemicals. Good housekeeping practice requires that spills be quickly removed and washed away.	
<b>Drying/Curing @ 30°C</b>			
Tack Free	5-6 hours		
Recoating time	18-24 hours		
Cure time	7 days		

### Surface Preparation

#### Concrete:

Remove any old, loose material and laitance by wire brushing. Acid etching or sweep blasting technique can also be used. New concrete must be at least 28 days old. Wipe any old or grease by using suitable surface degreaser. Hose off with high pressure water. Captive blast clean to expose firmly held aggregate to industrially accepted standards. Allow to dry before application. Blowholes and other defects should be filled with suitable filler. Wash the surface by washing with fresh water and allow drying.

## Application

Mix Component A & Component B in the recommended ratio. Thorough care should be taken that excess air bubbles should not form. Give an indication period of 10-15 minutes prior to application. A normal brush or a roller may be used for difficult shapes or touch ups, however additional coats may be required to achieve the recommended film thickness. The method of application is recommended for stripe coating welds, edges, rivets etc.

Allow the coating to cure for 7 days prior to subjecting chemical exposure.

## Recommended Sequence and No. of Coats

Concrete Floors	Happilac Solvent Free Floor Epoxy Primer 2×250 microns Happilac Solvent Free Floor Epoxy 1×2 mm
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## Packing and Storage

Happilac Solvent Free Floor Epoxy Primer is available in 4.00 liters gallon and 20 liters packing containing base and hardener in correct proportions.

Store in cool and dry place between 5-30° C, away from source of heat and ignition. Protect from frosting.

## Health and Safety Notes

- When applying paint, wear appropriate eye protection.
- In case of eye contact with product, rinse with plenty of water for at least 10 minutes.
- Don't breathe spray mist or dust.
- Ensure proper ventilation when applying paint.
- If swallowed, it may cause serious damage.
- When empty, don't use its container for edible storage.
- Place out of reach of the children.
- Pregnant women are advised to avoid breathing of paint mist or spray.
- In case of any emergency, undergo medical supervision as soon as possible.

**WARNING:** Scraping/sanding off previously painted surfaces may release lead dust or fumes. Lead is highly toxic; take protective measures thoroughly when rubbing off the old surfaces.