

# Technical Data Primers and Ancillaries

## Epilux Concrete Primer

### Product Description

A high performance two pack epoxy primer specially designed to penetrate into, and seal the surface. It provides a sound base for improved adhesion of subsequent Berger epoxy or polyurethane based coatings.

### Recommended Areas of Application

<b>Area of Use</b>	: Interior and Exterior
<b>Substrate</b>	: Concrete, plaster, masonry, brickwork, blockwork

### Technical Data

<b>Sheen Variants</b>	: Low Sheen
<b>Colours</b>	: White/Clear
<b>Volume Solids</b>	: 45±2

Theoretical Covering Capacity	Recommended Dry Film Thickness per Coat		Theoretical Spread Rate m <sup>2</sup> /ltr
	Minimum	45 microns	10.00 Sqm/Ltr.
	Maximum	60 microns	7.50 Sqm/Ltr.
	Typical	50 microns	9.00 Sqm/Ltr.

<b>Practical Covering Capacity</b>	: For estimation of practical covering capacity, following factors to be taken into account: surface profile, uneven application, over spray, losses in container and equipment etc.
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Drying time	Substrate Temperature	Touch Dry	Overcoating Interval	
			Minimum	Maximum
	20°C	6 hours	16 hours	75 Hours
	35°C	4 hours	16 hours	75 Hours
	45°C	2 hours	16 hours	75 Hours

### Technical Data

<b>Method of application</b>	: Roller or spray
<b>Mixing Ratio</b>	: As per pack size
<b>Thinner/Cleaner</b>	: Solvalux 7-45
<b>Thinning ratio (by vol.)</b>	: 5-10%

## Surface Preparation

The performance of this coating is directly related to the degree of surface preparation.

- Ensure surface is clean, dry and free from all contaminants.
- Surface must be sound and free from laitance.
- Remove laitance by wire brush or sweep blast.

Note: Fungal growth should be treated with Bison Fungicidal Solution. After drying, one coat of Plastaseal Penetrating Sealer should be applied.

## Application Details

- Ensure adequate ventilation during application and drying.
- Do not apply when humidity exceeds 95% and condensation is likely.
- Surface temperature should be 3°C or more above dew point.
- Stir the contents thoroughly before and during use, with a broad flat stirrer, using an upward lifting action.
- Mix base and hardener in the ratio of 3:1 by volume and allow to mature for 15 minutes. Then apply by roller or spray uniformly over the surface after proper thinning.
- Allow to dry thoroughly before over coating.

### TYPICAL PAINT SYSTEM

1 coat x Epilux Concrete Primer

Followed by recommended paint system

For alternate system suggestion please contact Sales Representative

## Storage, Safety Information And Precautions

### Safety Precautions

- Keep out of reach of children.
- Store in cool, dry conditions; ensure adequate ventilation during application.
- Avoid contact with skin and eyes; wear suitable protective clothing such as overalls, goggles, dust masks and gloves.
- Shelf life up to 24 months is from the date of manufacture.

### First-Aid

- Eyes : In the event of accidental splashes, flush eyes with water immediately and obtain medical advice.
- Skin : Wash skin thoroughly with soap and water, or with an approved industrial cleaner. Do not use solvents.
- Inhalation: Move patient to fresh air, loosen collar and keep patient rested.
- Ingestion : Do not induce vomiting. Obtain immediate medical attention.
- Dispose in landfill only.

## Disclaimer

The information provided on this data sheet is not intended to be complete and is provided as general advice only. It is the responsibility of the user to ensure that the product is suitable for the purpose for which he wishes to use it. As we have no control over the treatment of the product, the standard of surface preparation of the substrate, or other factors affecting the use of this product, we are not responsible for its performance nor would we accept any liability whatsoever or howsoever arising from the use of this product unless specifically agreed to in writing by us. The information contained in this data sheet may be modified by us from time to time, and without notice, in the light of our experience and continuous product development.

*This Technical Data Sheet supersedes those previously issued with immediate effect*