

## LUXATHANE POLYURETHANE

### Product Description

A high performance two pack solvent-base polyurethane coating, containing titanium dioxide and other high-grade colour fast pigments to provide a tough durable coating with excellent gloss and colour retention properties. It is suitable as a decorative and protective coating, particularly for the Berger Luxatile System.

### Recommended Areas of Application

**Area of Use:** Interior & Exterior

**Substrate:** Concrete, plaster, masonry, brickwork, blockwork, timber, metal.

### Technical Data

**Sheen Variants:** High gloss. Can also be offered in Semi gloss or Low sheen.

**Colours:** White Colour Range.

**Volume Solid:** 50% ± 2%

**Flash Point:** 26°C

Theoretical Covering Capacity		
Recommended Dry Film Thickness per coat Microns		Theoretical Spread rate m <sup>2</sup> / ltr
<b>Minimum</b>	40 Microns	12.5
<b>Maximum</b>	60 microns	8.3
<b>Typical</b>	50 Microns	10.0

Practical Covering Capacity	
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.	

Drying time	Substrate Temp.	Touch Dry	Overcoating Interval	
			Minimum	Maximum
	25°C	6 hours	24 hours	Indefinite
	35°C	4 hours	16 hours	Indefinite
	45°C	2 hours	8 hours	Indefinite

## APPLICATION DATA

Method of application : Brush, Roller or Spray.

Thinner : Solvalux 7 – 73

Mixing Ratio : 7 parts Base to 1 part Hardener (by volume)

Thinning ratio (by vol.) : Use 5% of Thinner for ease of application

(Diluted material must be consumed/applied within 2 hours.).

## 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.
- If surface is previously painted, ensure that all peeling or flaking paint is removed completely.
- Thoroughly dust down the entire surface.

Note: Fungal growth should be treated with Berger Fungicidal Solution.

## Application Details

- Ensure adequate ventilation during application and drying.
- Do not apply when humidity exceeds 80% 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.

**Brush or Roller:** Apply an even coat taking care to avoid runs and sags.

**Conventional Spray:** Tip pressure: 130-160 kg/cm<sup>2</sup> (1800-2300 psi)

**Airless Spray:** Tip Size: 0.28-0.38mm (0.011-0.015 in)

## Storage, Safety Information And 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 12 months from the date of manufacture.

## RECOMMENDED PAINT SYSTEM

1 coat x Weathercoat Primer

1 coat x Luxatile Spray / Rolling Compound

2 coat x Luxathane Polyurethane

1 coat x Epilux Concrete Primer

1 coat x Luxatile Epoxy Spray Compound

2 coat x Luxathane Polyurethane

## 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  
 For more information please contact us at: [customerservice.oman@asianpaints.com](mailto:customerservice.oman@asianpaints.com)"*

**Asian Paints (Middle East) LLC**  
 Ghala Industrial Area, Al - Khuwair  
 Postal Code : 133, P.O Box :462  
 Sultanate of Oman