

LUXATHANE POLYURETHANE

Product Description

A high performance two pack aliphatic isocyanate polyurethane coating, containing titanium dioxide and other high grade colour fast pigments to provide 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 and exterior

Substrate: Concrete, Plaster, Masonry, Brickwork, Blockwork, Timber, Metal

Technical Data

Finish: Hi-Gloss, can also be offered in semi gloss or low

Colours: As required

Thinner/Cleaner: Solvalux 7-73

Volume Solids: 55 ± 2%

Theoretical Covering Capacity		
Recommended Dry Film Thickness per coat Microns		Theoretical Spread rate m ² /ltr
Minimum	45 Microns	12.20 m ² /Ltr
Maximum	70 microns	7.85 m ² /Ltr
Typical	50 Microns	11.00 m ² /Ltr

Practical Covering Capacity	
While estimating the practical spread rates, due allowance should be made for surface profile, uneven application, over spray, losses in containers and equipment. Particularly in case of application over textured surfaces, the practical spread rate would be less due to the profile of the texture.	

Drying time	Substrate Temp.	Touch Dry	Overcoating Interval	
			Minimum	Maximum
	25°C	6 hours	12 hours	Indefinite
	35°C	4 hours	4 hours	Indefinite
	45°C	2 hours	2 hours	Indefinite

Surface Preparation

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

Concrete, Plaster, Masonry, Brickwork, Blockwork:

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

Apply one coat of Weathercoat Tex Primer. Allow to dry, followed by Luxatile Acrylic Spray. Allow to dry at least for 24 hours.

(or)

Apply one coat of Epilux Concrete Primer, followed by Luxatile Epoxy Spray Compound. Allow to dry overnight.

Application Details

- Ensure adequate ventilation during application and drying.
- Do not apply when humidity exceeds 95% and condensation is likely.
- Only apply coating when surface temperature is 3°C or more above dew point.
- Use 5% to 10% thinner for ease of application depending on the method of application.
- Stir base thoroughly and add hardener. Continue stirring until well mixed.

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

Conventional Spray: This is the most recommended method of application. Spray at an atomizing pressure of 3.5 – 4.9 kg/cm² (50-70 psi)

Airless Spray: Tip size: 0.28 – 0.38 mm (0.011 – 0.015 in) Tip pressure: 130 – 160 kg/cm² (1800 - 2300 psi)

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.

First-Aid

- Eyes: In the event of accidental splashes, flush eyes immediately with warm water 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.