

Technical Data Architecture Coatings

Luxacryl High - Glossy

Product Description

A high performance thermoplastic, water repellent coating based on solvented acrylic polymer containing titanium dioxide and other high grade light-fast pigments. This specially formulated product is having good resistance against chlorides, sulphates etc, and is thus ideal for protection of masonry surface. This is particularly suitable as a finish coat in the Asian Paints Berger Luxatile system.

Recommended Areas of Application

Area of use: Interior and exterior
Substrate: Concrete, Plaster, Masonry, brickwork, block work, timber and metal.

Technical Data

Sheen Variants: High Gloss
Colours: As per Asian Paints Berger Enamel colour card
Volume Solids: 46% ± 2%
Flash Point: 26°C

Theoretical Covering Capacity

Recommended Dry Film Thickness per Coat Microns		Theoretical Spread Rate m ² /Ltr
Minimum	30 microns	15.33 m ² /Ltr
Maximum	50 microns	9.2 m ² /Ltr
Typical	40 microns	11.5m ² /Ltr

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	2 hours	12 hours	Indefinite
	35 °c	1.5 hours	10 hours	
	45 °c	1 hour	8 hours	

Application Data

- Method of application:** Brush, roller, conventional spray or airless spray
Thinner: Solvalux 7-25
Thinning Ratio (by vol.): Use 5% to 10% for ease of application depending on the method of application.

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.

Applications Details

- Ensure adequate ventilation during application and drying.
- Do not apply when humidity exceeds 85% and condensation is likely
- Surface temperature should be 3°C or more above dew point.
- Stir the contents thoroughly before and during the 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. Minimum two coats recommended.

Conventional Spray: Use normal spray equipment suitable for low viscosity paints at atomizing pressure of 2.8 - 3.0 kg/cm² (40 - 45 psi).

Airless Spray: Tip size: 0.22 - 0.30mm (0.009 - 0.012 in). Tip pressure: 100 - 140 kg/cm² (1400 - 2000 psi).

RECOMMENDED PAINT SYSTEM

System 1	System 2
1 coat x Weathercoat Tex Primer	1 coat x Weathercoat Tex Primer
1 coats x Luxatile Acrylic Rolling Compound	2 coats x Luxatile Acrylic Spray Compound
2 coats x Luxacryl	2 coats x Luxacryl

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

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 in this data sheet is not intended to be complete. It is the responsibility of the user to ensure that the product used is suitable for the purpose it is meant to serve. In view of various factors affecting the performance of the coating, we cannot assume responsibility for the product performance, nor do we accept any liability arising from use of this product, unless specifically agreed to in writing by us. The information provided in the datasheet may be modified by us without notice

This Technical Data Sheet supersedes those previously issued with immediate effect