

# Technical Data Architecture Coatings

## Robbiathane

### Product Description

A two component acrylic polyurethane giving a high performance finish in new construction and maintenance industries. Features include:

- Long-term re-coatability properties
- Excellent colour and gloss retention
- Resistance to UV radiation
- Resistance to a number of chemicals and water
- Can be applied to a wide range of substrates

### Recommended Areas of Application

- Area of use** : Interior and Exterior as a finishing coat for structural steel in aggressively corrosive environments.
- Substrate** : As topcoat for the exterior metal, concrete substrates.

### Technical Data

- Sheen Variants** : Glossy
- Colours** : As per shade card
- Volume Solids** : 50 ± 2%

Theoretical Covering Capacity	Recommended Dry Film Thickness per coat		Theoretical Spread rate
	Typical	30 microns	17.00 m <sup>2</sup> /Ltr
	Maximum	50 microns	10.2 m <sup>2</sup> /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	Hard dry	Overcoating Interval		
				Minimum	Maximum	Pot Life
	25 °c	45 minutes	24 hours	24 hours	Indefinite	8 hours
	35 °c	30 minutes	20 hours	16 hours	Indefinite	6 hours
	45 °c	15 minutes	16 hours	10 hours	Indefinite	4 hours

## Application Data

**Method of application** : Airless spray, brush or roller  
**Thinner** : Solvalux 7-73  
**Thinning ratio (by vol.)** : Maximum 5-10% by volume

## 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 Bison Fungicidal Solution. After drying, one coat of Plastaseal Penetrating Sealer can be applied if required.

## 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 use, with a broad flat stirrer, using an upward lifting action.

**Brush or Roller** - Recommended method for masonry surface. However, additional coats may be required to achieve the recommended film thickness.

### TYPICAL PAINT SYSTEM

1 coat x Epilux Concrete Primer/As recommended by the Company

1 coat x AR Primer/Tuff AR Primer /As recommended by the Company

2 coats x Luxatile Epoxy Spray Compound /As recommended by the Company

1 coat x Luxatile Acrylic Spray Compound /As recommended by the Company

2 coats x Robbiathane

2 coats x Robbiathane

For alternate system suggestion please contact Sales Representative

## 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 24 month is from the date of manufacture for Base & 6 months for Hardener if unopened.

### 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 data sheet may be modified by us without notice.

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