

**LUXACRYL 3000**

High Build Acrylated Rubber

**PRODUCT
DESCRIPTION**

A single component, acrylated rubber with inert pigments designed to provide a high film build up when applied by airless spray.

**DESIGN
FEATURES**

A durable intermediate coating designed for use in new construction projects or as maintenance coating over aged single component coatings.

Typically applied to exterior steelwork in chemical processes and oil industries.

Excellent weathering and resistance to high humidity, water, acids and alkaline.

Fast drying with rapid handling features.

Suitable for both interior and exterior use.

**PHYSICAL
CHARACTERISTICS**

Recommended Application Data	Wet [μm]	Dry [μm]	m ² /l
Theoretical Coverage	222	100	4.5

Volume solids 45% (based on ASTM D2697)

Dry Film Thickness Range 100 μm to 150 μm

Flash Point 29° C

Finish Matt

Colour Range Off White

Standard Packing Size 20 litres

**APPLICATION
METHOD**

BRUSH OR ROLLER	May be used. However, additional coats may be necessary to achieve the recommended film thickness.
CONVENTIONAL AIR SPRAY	May be used. Dilution may be required to achieve good atomisation
AIRLESS SPRAY	May be used. Tip size : 0.43 – 0.53 mm (17 – 21 thou) Pressure : 140 – 190 kg/cm ² (2000-2700 psi)

DRYING TIME

Substrate Temperature	Touch Dry	Hard Dry	Overcoating Interval	
			Minimum	Maximum
15 °C	8 hours	12 hours	12 hours	Indefinite
25 °C	4 hours	6 hours	8 hours	Indefinite
35 °C	2 hours	3 hours	4 hours	Indefinite

**USEFUL
INFORMATION**

THINNER : SOLVALUX 7-25 (Maximum 5% addition)

CLEANER : SOLVALUX 7-25

STORAGE : Store in a cool dry shaded area.



SURFACE PREPARATION

This product should be applied to a surface that has been blast cleaned and suitably primed with a suitable primer or power tool cleaned surface primed with Epimastic 3000HS.

For optimum performance, the surface prior to being primed should be cleaned as follows:

- Remove all wax, oil and grease by solvent cleaning in accordance with the guidelines given by SSPC-SP1.
- Where necessary remove weld spatter and round off rough weld seams and sharp edges to a smooth surface.
- Abrasive blast clean to a minimum standard of Sa2½ (ISO 8501-1:1988) or SSPC-SP10, with an average surface profile of 75 – 100 microns.
- The underlying system should be intact, sound and undamaged.
- Any loose or flaking coatings should be taken back to a firm edge.
- Ensure that the surface to be over-coated is clean, dry, free from dust, grease and oil, or any other surface contaminants.
- A fresh water wash must follow to remove all soluble salts.

To avoid condensation of moisture onto substrate prior to coating application, relative humidity should not exceed 85% and substrate temperature should be more than 3°C above Dew Point.

SUITABLE PRIMERS	Luxacryl 1000, Luxachlor 1000, Epimastic 3000HS, Epilux 610
SUITABLE FINISH COATS	Luxacryl 5000

NOTES

- The coating specifications given above are typical. For specific recommendations to suit individual applications, please refer to your Berger Paints representative.
- When applying by brush or roller care must be observed to prevent "pick up" of recently applied single pack coatings.
- Not suitable for contact with solvents, animal fats or vegetable oils.
- Designed to be overcoated with Luxacryl Build Coats / Finishes or with Luxachlor. Do not overcoat with 2 pack products or alkyds.

SAFETY PRECAUTION

Avoid contact with eyes and skin. Wear suitable protective clothing such as overalls, goggles, dust mask and gloves. Use barrier cream.

This product contains low flash point solvents, do not use in poorly ventilated areas especially in confined tank interiors.

Ensure that there is adequate ventilation in the area where the product is being applied. Do not breathe in vapour or spray mist.

This product is flammable. Keep away from sources of ignition. Do not smoke.

Take precautionary measures against static discharge.

In case of fire, blanket flames with foam, carbon dioxide or dry chemicals.

FIRST AID

- Eyes** : In the event of accidental splashes, flush eyes with warm water immediately and seek medical advice.
- Skin** : Wash skin thoroughly with soap and water or approved industrial cleaner. Do Not Use solvents or thinners.
- Inhalation** : Remove to fresh air, loosen collar and keep patient rested.
- Ingestion** : In case of accidental ingestion, DO NOT INDUCE VOMITING. Obtain immediate medical attention.

For further safety information, please refer to our **Material Safety Data Sheet (MSDS)**

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.