

**BERGER**

PRODUCT SPECIFICATIONS

LUXACRYL 5000

Acrylic Gloss Finish

PRODUCT DESCRIPTION

A single component, gloss finish coating formulated with an acrylic binder system and highly durable pigments.

DESIGN FEATURES

A durable finish coating designed for use in new construction projects or as maintenance coating over aged single component coatings.
Attractive gloss finishing with good mar and scratch resistance.
Excellent weathering and overall durability properties.
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	112	50	9.0

Volume solids	45% (based on ASTM D2697)
Dry Film Thickness Range	50 μm to 75 μm
Flash Point	25° C
Finish	Full Gloss
Colour Range	Standard Range
Standard Packing Size	5 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 : 110 – 160 kg/cm ² (1600 – 2300 psi)

DRYING TIME

Substrate Temperature	Touch Dry	Hard Dry	Overcoating Interval	
			Minimum	Maximum
15 °C	1 hour	3 hours	6 hours	Indefinite
25 °C	30 minutes	2 hours	4 hours	Indefinite
35 °C	15 minutes	1 hour	2 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

The service life span and the service performance of LUXACRYL 5000 is directly related to the degree of surface preparation.

- This product should be applied to a surface that has been suitably primed e.g. with Luxachlor 1000 or Luxaprime 1400.
- 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.
- Always ensure that the maximum over-coating time for the primer/build coat is not been exceeded prior to application.

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

Luxcryl 1000, Luxachlor 1000, Luxaprime 1400, Luxaprime 1501, Luxaprime 1801

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.
- Not suitable for use in immersion applications.

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.