

PRODUCT SPECIFICATIONS

Product Description

A single component, alkyd coating pigmented with highly durable pigments to provide an attractive high gloss finish.

Design Feature

- High gloss finish coat for use in conventional alkyd coating systems.
- Finish coat on areas above water line in marine environment.
- Suitable for both new construction and as a maintenance coating.
- Easy application and easy maintenance coating for industrial applications.
- For use on steel, pipes, wood and other non-ferrous substrates with suitable primer.
- Good weathering properties and overall durability.
- Recommended for both interior and exterior exposure.
- Free from added Lead & Chrome.

Physical Characteristics

Recommended Application Data	Wet [μm]	Dry [μm]	m ² /l
Theoretical Coverage	55	30	18.3

Volume Solids	:	55% (based on ASTM D2697)
Dry Film Thickness Range	:	30 μm to 50 μm
Flash Point	:	40 °C
Finish	:	Full Gloss, Semi-gloss, Low sheen & Matt
Colour Range	:	Standard Range
Standard Packing Size	:	5 & 20 L

Application Method

BRUSH OR ROLLER	:	Recommended method of application
CONVENTIONAL AIR SPRAY	:	May be used. Dilution may be required to achieve good atomisation
AIRLESS SPRAY	:	May be used.
May be used.		
Tip Size	:	0.43 – 0.53 mm (17 – 21 thou)
Pressure	:	110 – 150 kg/cm ² (1600 – 2100 psi)

Drying Time

Substrate Temperature	Touch Dry	Hard Dry	Overcoating Interval	
			Min.	Max.
15 °C	4 hours	20 hours	20 hours	Indefinite
25 °C	3 hours	12 hours	12 hours	Indefinite
35 °C	1 hour	8 hours	10 hours	Indefinite

Useful Information

THINNER	:	SOLVALUX 7-9 (Maximum 5% addition)
CLEANER	:	SOLVALUX 7-9
STORAGE	:	Store in a cool dry shaded area.

Surface Preparation

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

STEEL

- LUXOL 5000 should be applied to a surface that has been suitably primed and built.
- 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.
- Remove all wax, oil and grease by solvent cleaning in accordance to guidelines given by SSPC-SP1.
- Dry brushing to remove soluble salts, dirt and dust.
- 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.

WOOD/TIMBER

- Apply one coat of Berger Aluminium Wood Primer followed by one coat of Luxol 1000. Then apply Luxol 5000.

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

Luxaprim 1000, Luxaprim 1300, Luxaprim 1400, Luxaprim 1501, Autocare primer, Berger Aluminium Wood Primer

Suitable Undercoats

Luxol 1000, Berger Undercoat, Luxol 3100.

Notes

- The coating specifications given above are typical. For specific recommendations to suit individual applications, please refer to your Berger Paints representative.
- This product is not suitable for immersed conditions.
- This product is not suitable for exposure to acidic or alkaline environments.

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.

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)**

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.

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