

PRODUCT SPECIFICATIONS

Product Description

A single component, modified alkyd undercoat pigmented with micaceous iron oxide.

Design Feature

- An anti-corrosive buildcoat or maintenance coating for use in conventional alkyd coating systems.
- For use on steel and wood substrates.
- Excellent barrier and anti-corrosive properties.
- Excellent moisture vapour resistance.
- Resistant to dry heat temperatures of up to 120°C
- Suitable for both interior and exterior exposure.

Physical Characteristics

Recommended Application Data	Wet [µm]	Dry [µm]	m²/l
Theoretical Coverage	69	40	14.5

Volume Solids	:	58 % (based on ASTM D2697)
Dry Film Thickness Range	:	35 µm to 70 µm
Flash Point	:	40 °C
Finish	:	Matt
Colour Range	:	Silver Grey
Standard Packing Size	:	5 litres

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.
Tip Size	:	0.48 – 0.58 mm (19 – 23 thou)
Pressure	:	110 – 160 kg/cm² (1600 – 2300 psi)

Drying & Curing Time

Substrate Temperature	Touch Dry	Hard Dry	Overcoating Interval	
			Min.	Max.
15 °C	2 haours	10 hours	20 hours	Indefinite
25 °C	1 hour	6 hours	12 hours	Indefinite
35 °C	30 minutes	4 hours	8 hours	Indefinite

Useful Information

THINNER	:	SOLVALUX 7-9 (Maximum 10% addition)
CLEANER	:	SOLVALUX 7-9
STORAGE	:	Store in a cool dry shaded area.
SHELF LIFE AT 25 °C	:	12 months minimum when stored as prescribed in the MSDS.

Surface Preparation

The service life span and the service performance of Luxol 1000 are directly related to the degree of surface preparation.

STEEL

- This product must be applied over a suitable alkyd anti-corrosive primer coating, e.g. Luxaprime 1400.
- Ensure that the underlying system is 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 all soluble salts, dirt and dust.
- 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 prior to applying Luxol 3100.

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 Undercoats

Luxaprime 1000, Luxaprime 1200, Luxaprime 1300, Luxaprime 1400, Luxaprime 1501, Luxaprime 1801, Berger Aluminium Wood Primer

Suitable Finish Coats

Luxol 5000

Notes

- The coating specifications given above are typical. For specific recommendations to suit individual applications please refer to your Berger Paints representative.
- Do not overapply this product. Overapplication may lead to solvent entrapment and subsequent loss of adhesion on overcoating.
- This product is not suitable for contact with aromatic solvents, alcohols and other strong solvents.

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)**

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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