



BERGER PRODUCT SPECIFICATIONS

BERGER UNDERCOAT

Alkyd Undercoat

PRODUCT DESCRIPTION

A quality alkyd coating formulated to act as an intermediate coat as part of an alkyd coating system.

- High opacity / covering ability.
- Excellent barrier protection.
- Excellent intercoat adhesion.
- Good flow and levelling properties.
- Certified for compliance to SS34 by TUV SUD PSB Pte Ltd.

DESIGN USE

- As an intermediate coat as part of an alkyd coating system for use on both interior and exterior ferrous surfaces, wood and timber products etc.

PHYSICAL DATA

VOLUME SOLIDS	54%
DRY FILM THICKNESS (DFT)	35 µm per coat
WET FILM THICKNESS (WFT)	65 µm per coat
NUMBER OF COATS	1 – 2
THEORETICAL COVERAGE	15.4 m ² /litre per coat @ 35 µm dft
FINISH	Matt
COLOUR RANGE	White, Oyster (BS00A01) and Beige (BS08B17).
NO. OF COMPONENTS	One
STANDARD PACKING SIZE	1 Litres and 5 Litres

APPLICATION METHOD

Brush, Roller or Conventional Air Spray These are the recommended methods of application.

Stir contents of the can thoroughly before use. Thinning is not usually required. However, if thinning is desired, do not exceed the recommended thinning ratio.

Do not apply this product if the relative humidity exceeds 85% or if the substrate temperature is within 3°C of the dew point.

DRYING TIME

Substrate Temperature	Touch Dry	Hard Dry	Overcoating Interval	
			Minimum	Maximum
15 °C	2 hour	10 hours	24 hours	Indefinite
25 °C	1 hour	4 hours	8 hours	Indefinite
35 °C	30 minutes	2 hours	4 hours	Indefinite

ADDITIONAL INFORMATION

Thinner	Solvalux 7-9
Thinning Ratio	5% maximum
Cleaning Solvent	Solvalux 7-9
Flash Point	> 38°C
Storage Requirements	Store in a cool, dry area away from direct sunlight.



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SURFACE PREPARATION

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

- This coating is designed to be applied over a suitable alkyd primer, e.g. Berger Luxaprime 1250 or Berger Aluminium Wood Primer.
- The surface to be overcoated should be dry, free from surface contaminants, sound and undamaged.
- Soluble salts must be removed by washing with fresh water. Dry brushing should be done to remove dirt and dust. If grease is present, clean using a mild detergent or solvent and rinse thoroughly.
- All loose and flaking coatings should be removed and taken back to a firm edge.
- Ferrous surfaces should be primed with Berger Luxaprime 1250, Luxaprime 1000 or other suitable primer. Wood or timber surfaces should be primed with Berger Aluminium Wood Primer.
- Ensure that the minimum overcoating interval of the primer coat has been exceeded prior to application of this product.

PRODUCT USE RESTRICTIONS

- This product is not designed for direct application onto ferrous or wooden surfaces. A suitable primer should be used.

SAFETY PRECAUTIONS

Avoid contact with eyes and skin. Wear suitable protective clothing such as overalls, gloves and goggles. Use a dust mask if applying by spray.

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

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.



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