

PRODUCT DESCRIPTION

A high quality all purpose undercoat for use in a conventional paint system.

- Good opacity and hiding power.
- Durable pigments providing suitable protection of the substrate.

DESIGNED USE

- Exterior or interior undercoat on woodwork or metal
- Suitable for use in mild environments (e.g. pipe work, cladding, timber).
- Suitable as undercoat for upto C2 Environment as per ISO12944 Part 2 along with suitable topcoats.

PHYSICAL DATA

VOLUME SOLIDS (Based on ASTM D2697)	55 % \pm 2 %
TYPICAL DRY FILM THICKNESS	40 microns
WET FILM THICKNESS	75 microns
THEORETICAL COVERAGE	13.75 m ² /litre @ 40 microns DFT
VOC "As Supplied" (Based on ASTM D3960)	400 gms/ltr
COLOUR	White
FINISH	Low Sheen

APPLICATION DETAILS**METHOD OF APPLICATION :****AIRLESS SPRAY**

This is the recommended method of application
Maximum 5% Thinner may be added
Tip Size: 0.33 - 0.43 mm (0.013 - 0.017 in)
Pressure: 110 - 150 kg/cm² (1600 - 2100 psi)

CONVENTIONAL SPRAY

This is also a suitable method of application.
Maximum 20% Thinner may be added
Tip Size: 1.80 - 2.20 mm (0.071 - 0.087 in)
Pressure: 2.75 - 3.45 kg/cm² (40 - 50 psi)

BRUSH OR ROLLER

Do not apply thick or heavy coats otherwise wrinkling, running or sagging may occur.

DRYING TIME:

Surface Temperature	Touch Dry	Hard Dry	Over coating Interval	
			Minimum	Maximum
15°C	4 Hrs	24 Hrs	36 Hrs	Indefinite
25°C	2 Hrs	16 Hrs	16 Hrs	Indefinite
35°C	1 Hr	8 Hrs	12 Hrs	Indefinite
45°C	40 mins	6 Hrs	8 Hrs	Indefinite

NO. OF COMPONENTS

One

Application Conditions

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

ADDITIONAL INFORMATION

Thinner / Cleaning solvent	Solvalux 7-9
Storage Instruction	Store in a cool shaded dry area
Flash Point	36°C
Packaging	1 USG & 5 USG
Shelf Life	12 months from the date of manufacture.

**SURFACE
PREPARATION****STEEL**

- This product should be applied to surface that has been cleaned and primed with a suitable primer (e.g. LUXAPRIME or EPILUX Primers)
- The life-span and performance of this coating is directly related to the degree of surface preparation.
- Remove all wax, oil and grease by solvent cleaning in accordance with the guidelines given by SSPC-SPI.
- Soluble salts, dirt and dust must be removed prior to coating. Dry brushing should be sufficient. A freshwater wash must follow to remove all soluble salts.
- Remove scale by chipping, needle gun or spot blasting. Any loose or flaking coatings should be taken back to a firm edge.
- Mechanically clean the surface using hand or power tools to a minimum standard of St 2 Swedish Standard SIS 15 59 00 or ISO 8501-1: 1988 taking care to avoid polishing the surface.
- Where necessary remove weld spatter and round off all rough weld seams and sharp edges to a smooth surface.

TIMBER

- Apply one coat of wood primer prior to applying this product.
- Ensure surface is clean, dry, free from wax and contaminants and Lightly Sand down the surface with fine sand paper and remove dust before applying LUXOL 1000.

**PRODUCT USE
RESTRICTIONS**

- Do not apply this product over a zinc primer without a suitable "tie-coat" as saponification may occur.
- Not suitable for immersed conditions.
- Cannot be over coated with 2 pack products, chlorinated rubber & vinyls.
- Dry heat resistance up to 80°C
- May also be applied between 25 and 50 Microns DFT
- Contact Berger Representative for suggesting suitable paint system

**SAFETY
PRECAUTIONS**

- Avoid contact with the skin and eyes. Wear suitable protective clothing such as overalls, goggles, dust masks and gloves. Use a barrier cream.
- Ensure that there is adequate ventilation in the area where the product is being applied. Do not breathe vapor 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
- Refer to MSDS for further information.

FIRST AID

- Eyes: In the event of accidental splashes, flush eyes with water immediately and obtain medical advice
- Skin: Wash skin thoroughly with soap and water or approved industrial cleaner.
- DO NOT USE solvent 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

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.