



GLOCOTE 3L

Epoxy Polyamide Luminous Paint

PRODUCT DESCRIPTION

A two-component epoxy luminous coating specially formulated to provide an attractive glow in dark finish.

DESIGN FEATURES

A semi gloss finish coat designed to make any surface glow in the dark.
This product can be applied to wood, metal, drywall, and many other surfaces
It is ideal for use on walls, doors, drawer fronts, storage containers, light switches, pipe lines,
To highlight areas of caution at night, it can glow up to 4 hours after a full charge

PHYSICAL CHARACTERISTICS

	Recommended Application Data		
	Wet [μm]	Dry [μm]	m ² /l
Theoretical Coverage	100	50	8.0
Volume solids	40 % (based on ASTM D2697)		
Dry Film Thickness Range	50 μm to 75 μm		
Flash Point	30 °C		
Finish	Semi Gloss		
Colour Range	Green and Yellow		
Standard Packing Size	5 litres set (3.75 litres Base : 1.25 litres Hardener)		
Mix Ratio (by volume)	3 Base : 1 Hardener		

APPLICATION METHOD

IMPORTANT: The hardener component of this product must be mixed thoroughly with the base component and allowed to *pre-react* (induct) for a period of 15 minutes before proceeding to application. Without *pre-reaction*, this product may result in a greasy/tacky surface, incomplete cure and/or discolouration.

AIRLESS SPRAY Recommended method of application	Tip Size	: 0.28 – 0.38 mm (11 – 15 thou)
	Pressure	: 130 –160 kg/cm ² (1800 – 2300 psi)

CONVENTIONAL AIR SPRAY	May be used.
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BRUSH OR ROLLER	Recommended for used. However, additional coats may be required to achieve the recommended film thickness. Suitable for stripe coating, weld-seams, edges, corners, rivets, etc.
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DRYING & CURING TIME

Substrate Temperature	Touch Dry	Hard Dry	Overcoating Interval		Pot Life
			Minimum	Maximum	
15 °C	2 hours	12 hours	12 hours	10 days	6 hours
25 °C	1 hour	6 hours	6 hours	5 days	4 hours
35 °C	30 minutes	4 hours	4 hours	3 days	3 hours

USEFUL INFORMATION

THINNER	: SOLVALUX 7-45 (Maximum 5% addition)
CLEANER	: SOLVALUX 7-77
STORAGE	: Store in a cool dry shaded area.
SHELF LIFE	: 12 months from date of manufacture



SURFACE PREPARATION

The service life span and the service performance of GLOCOTE 3L are directly related to the degree of surface preparation.

STEEL

- GLOCOTE 3L should be applied on suitably primed substrate.
- This coating is recommended to apply over white primer or undercoat.
- 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.

ALUMINIUM, GALVANISED STEEL

- Degrease and abrade with SOLVALUX 7-45 and wet-or-dry paper. Apply LUXAPRIME 1501. If the primer shows signs of breakdown, then a full sweep blast may be required prior to coating.
- Apply GLOCOTE 3L as soon as possible after surface preparation to prevent recontamination.

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.

CONCRETE

- The concrete surface to be coated should be sound, dry and free from all foreign matter such as dirt, dust, oil and grease.

SUITABLE PRIMERS AND INTERMEDIATES

Luxaprime 1501, Epimastic 3000HS, Epilux 218

NOTES

- The coating specifications given above are typical. For specific recommendations to suit individual applications. Please refer to your Berger Paints representative.
- Common to all epoxies this product will experience yellowing and chalking on prolonged exposure to sunlight. However, this phenomenon is not detrimental to coating performance.
- Exposure to very low temperatures, high humidity or water ponding during and/or immediately after application may result in incomplete cure and/or discolouration that may compromise subsequent intercoat adhesion.

SAFETY PRECAUTION

Avoid contact with eyes and skin. Wear suitable protective clothing such as overalls, goggles, dust mask and gloves. Use barrier cream.

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.