



LUXACRYL 1000

Quick Dry Acrylic Primer

PRODUCT DESCRIPTION

A single component, quick drying, solvent based modified acrylic primer formulated with rust inhibitive pigments to provide a durable protective coat for steel substrates.

DESIGN FEATURES

As a primer coat for steel substrates.
Excellent anti-corrosive performance in areas of high humidity and corrosivity.
Fast drying with rapid handling features.
Good flexibility and impact resistance.

PHYSICAL CHARACTERISTICS

Recommended Application Data		Wet [μm]	Dry [μm]	m^2/l
Theoretical Coverage		63	25	16
Volume solids	40% (based on ASTM D2697)			
Dry Film Thickness Range	25 μm to 35 μm			
Flash Point	27 °C			
Finish	Matt			
Colour Range	Red Oxide			
Standard Packing Size	20 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	:	0.43 – 0.53 mm	(17 – 21 thou)
	Pressure	:	110 – 160 kg/cm^2	(1600 – 2300 psi)

DRYING TIME

Substrate Temperature	Touch Dry	Hard Dry	Overcoating Interval	
			Minimum	Maximum
15 °C	20 minutes	1 hour	2 hours	Indefinite
25 °C	10 minutes	30 minutes	1 hour	Indefinite
35 °C	5 minutes	20 minutes	40 minutes	Indefinite

USEFUL INFORMATION

THINNER	SOLVALUX 7-25 (Maximum 10% addition)
CLEANER	SOLVALUX 7-25
STORAGE	Store in a cool dry shaded area.



SURFACE PREPARATION

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

STEEL

- 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.
- Ensure that freshwater jetting is carried out to remove all loose contaminants and soluble salt deposition.
- 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 05 59 00 or SSPC SP-2 ISO 8501-1:1988 taking care to avoid polishing the surface.
- Where necessary removes weld spatter and round off all rough weld seams and sharp edges to a smooth surface.

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 INTERMEDIATES	Luxol 1000, Luxacryl 3000
SUITABLE FINISH COATS	Luxol 5000, Luxacryl 5000

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 specifically designed to be over-coated with single pack chlorinated rubber or acrylic topcoats. Do not over coat with alkyds or two pack products unless specified by us.
- Not suitable for contact with solvents, or with animal fats or vegetable oils.

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)**

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.