

LUXAPRIME 1000**Anti Corrosive Red Oxide Primer****PRODUCT DESCRIPTION**

A general purpose metal primer that provides short term protection for steel during and immediately after fabrication.

- Traditional red oxide primer.
- Synthetic medium pigmented with red oxide.

DESIGNED USE

- Anti-corrosive coating providing short term protection.
- Can be applied to non-blast cleaned surfaces.
- Suitable as primer for upto C2 Environment as per ISO12944 Part 2 along with suitable intermediate and topcoats.

PHYSICAL DATA

VOLUME SOLIDS (Based on ASTM D2697)	55 % \pm 2 %
TYPICAL DRY FILM THICKNESS	40 microns
WET FILM THICKNESS	70 microns
THEORETICAL COVERAGE	13.75 m ² /litre @ 40 microns DFT
VOC "As Supplied" (Based on ASTM D3960)	386 gms/ltr
COLOUR	Natural Red Oxide
FINISH	Matt

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

This is the recommended method of application:
Maximum 5% Thinner may be added.
Tip Size: 0.43 - 0.54 mm (0.017 - 0.021 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

This is also acceptable as a method of application particularly for non-blasted surfaces.
Additional coats may be required to achieve the recommended film thickness.

DRYING TIME:

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

LUXAPRIME 1000**Anti Corrosive Red Oxide Primer****SURFACE
PREPARATION**

- 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.

**PRODUCT USE
RESTRICTIONS**

- Not suitable for immersed conditions.
- Should be over coated quickly if external durability is required.
- Cannot be over coated with 2 pack products & vinyl's.
- This product is not designed to provide long term anti - corrosive protection.
- 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.