



BERGER

PRODUCT SPECIFICATIONS

LUXAPRIME 1250

Alkyd Primer

PRODUCT DESCRIPTION

A single component, alkyd primer formulated based on a modified alkyd resin and lead-free anti-corrosive pigment technology.

DESIGN FEATURES

An anti-corrosive primer coating for use in conventional alkyd coating systems.
 Excellent anti-corrosive properties equivalent to performance of red lead based products.
 Excellent humidity and water resistance.
 Can be applied to non-blast cleaned (i.e. hand tooling or power tooling cleaned) surfaces.
 Fast drying with rapid handling features.
 Suitable for both interior and exterior exposure.
 Lead free environment friendly coating.

PHYSICAL CHARACTERISTICS

| Recommended Application Data | Wet [μm] | Dry [μm] | m^2/l |
|------------------------------|--------------------------------------|-----------------------|-----------------------|
| Theoretical Coverage | 75 | 30 | 14.3 |
| Volume solids | 43% (based on ASTM D2697) | | |
| Dry Film Thickness Range | 30 μm to 40 μm | | |
| Flash Point | 41° C | | |
| Finish | Matt | | |
| Colour Range | Buff, Grey | | |
| Standard Packing Size | 5 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

| Ambient Temperature | Touch Dry | Hard Dry | Overcoating Interval | |
|---------------------|-----------|----------|----------------------|------------|
| | | | Minimum | Maximum |
| 15 °C | 1 hour | 3 hours | 8 hours | Indefinite |
| 25 °C | ½ hour | 2 hours | 6 hours | Indefinite |
| 35 °C | ¼ hour | 1 hour | 3 hours | Indefinite |

USEFUL INFORMATION

| | |
|---------|--------------------------------------|
| THINNER | : SOLVALUX 7-9 (Maximum 5% addition) |
| CLEANER | : SOLVALUX 7-9 |
| STORAGE | : Store in a cool dry shaded area. |



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SURFACE PREPARATION

The service life span and the service performance of Luxaprime 1250 is 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.
- Freshwater jetting is required, 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 (ISO 8501-1:1988) or SSPC-SP2 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.

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.

TYPICAL COATING SPECIFICATIONS

| Substrate Surface | Priming | 2 nd Coat | 3 rd Coat | 4 th Coat |
|-------------------|----------------|----------------------|----------------------|----------------------|
| STEEL | LUXAPRIME 1250 | BERGER UNDERCOAT | BERGER GLOSS 7 | BERGER GLOSS 7 |

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 not suitable for immersed conditions.
- This product is not suitable for exposure to acidic or alkaline environments.

SAFETY PRECAUTION

This product has a very low order of toxicity under normal conditions of use.

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

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.