

PRODUCT SPECIFICATIONS

Product Description

A single component, heat resisting paint formulated based on an air drying silicone-acrylic binder system.

Design Feature

- A heat resistant coating for use on steel subjected to temperatures of up to 220°C in a wide range of industrial environments, e.g. petrochemical plants, power stations, offshore structures etc.
- Outstanding weathering resistance and durability.
- Good chemical resistance.
- Easy to apply and trouble free easy maintenance coating.

Physical Characteristics

Recommended Application Data	Wet [µm]	Dry [µm]	m²/l
Theoretical Coverage	125	50	8.0

Volume Solids	:	40 % (based on ASTM D2697)
Dry Film Thickness Range	:	25 µm to 50 µm
Flash Point	:	10 °C
Finish	:	Gloss
Colour Range	:	Limited Colours
Standard Packing Size	:	5 litres set

Application Method

AIRLESS SPRAY	:	Tip Size : 0.33 – 0.38 mm (13 - 15 thou) Pressure : 110 – 150 kg/cm² (1600 – 2100 psi)
		Do not overapply. Over-application will slow down drying and handling times.
BRUSH OR ROLLER	:	May be used.
CONVENTIONAL AIR SPRAY	:	May be used.

Drying & Curing Time

Substrate Temperature	Touch Dry	Hard Dry	Overcoating Interval	
			Min.	Max.
15 °C	30 minutes	90 minutes	8 hours	Indefinite
25 °C	10 minutes	40 minutes	5 hours	Indefinite
35 °C	5 minutes	20 minutes	3 hours	Indefinite

Useful Information

THINNER	:	SOLVALUX 7-25 (Maximum 10% addition)
CLEANER	:	SOLVALUX 7-25
STORAGE	:	Store in a cool dry shaded area.
SHELF LIFE AT 25 °C	:	18 months minimum when stored as prescribed in the MSDS.

Surface Preparation

The service life span and the service performance of Luxatherm 6200 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.
- 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 aged coatings should be taken back to a firm edge.
- Abrasive blast clean to a minimum standard of Sa2½ (ISO 8501-1:1988) or SSPC-SP10. Prime the surface with Luxatherm 1600, Zincanode 300 or Zincanode 330.
- The surface preparation may be reduced to St 2, mechanical cleaning of the surface using hand or power tools. However, this will reduce the effective lifetime of the system.
- Where necessary remove weld spatter and round off all rough weld seams and sharp edges to a smooth surface.
- Galvanised and other non-ferrous surfaces should be primed with Luxaprime 1501.

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 Primers

Luxatherm 1600, Zincanode 300, Zincanode 330

Notes

- The coating specifications given above are typical. For specific recommendations to suit individual applications, please refer to your Berger Paints representative.
- This product may change colour above 180°C. However, this phenomena is not detrimental to paint performance.
- Do not exceed the recommended film thickness to avoid blistering during service.

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

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| 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)**

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.

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