LUXATHERM 6200

Acrylic Silicone Heat Resistant (220ºC)

PRODUCT DESCRIPTION

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

DESIGN FEATURES

A heat resistant coating for use on steel subjected to temperatures of up to 220ºC 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

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 TIME

Substrate Temperature	Touch Dry	Hard Dry	Overcoating Interval	
			Minimum	Maximum
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 5% addition)
CLEANER	:	SOLVALUX 7-25
STORAGE	:	Store in a cool dry shaded area.

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, Epilux 66 or Zincanode 300.
- 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 necessaries 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 330 Luxaprime 1501, Luxaprime 1801

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 180ºC. 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

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