

LUXATHERM 6200

Silicone Acrylic Heat Resisting Finish (220°C)

PRODUCT DESCRIPTION

A single component air drying high gloss finish coat that has:

- Outstanding weathering resistance and durability.
- Good chemical resistance.
- Smooth and glossy finish

DESIGNED USE

- For medium range temperature resistance (up to 220°C).
- Can be applied to vessels, pipes etc. operating at elevated temperatures.
- Chlorine free; can be applied to stainless steel.

PHYSICAL DATA

VOLUME SOLIDS (Based on ASTM D2697)	37 % $\pm$ 2 %
TYPICAL DRY FILM THICKNESS	50 microns
WET FILM THICKNESS	135 microns
THEORETICAL COVERAGE	7.4 m ² /litre @ 50 microns DFT
COLOUR	Selected Colors
FINISH	Glossy

APPLICATION DETAILS

METHOD OF APPLICATION:	
AIRLESS SPRAY	This is the recommended method of application: Maximum 10% Thinner may be added. Tip Size: 0.33 - 0.38 mm (0.013 - 0.015 in) Pressure: 110 - 150 kg/cm ² (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/cm ² (40 - 50 psi)
BRUSH OR ROLLER	May also be used. Care should be taken to ensure an even application to avoid runs, sagging, etc.

DRYING TIME:

Surface Temperature	Touch Dry	Hard Dry	Re coating Interval	
			Minimum	Maximum
15°C	30 mins	2 ½ Hrs	2 ½ Hrs	Indefinite
25°C	20 mins	2 Hrs	2 Hrs	Indefinite
35°C	15 mins	1 ½ Hrs	1 ½ Hrs	Indefinite
45°C	10 mins	1 Hr	1 Hr	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 7-25
Storage Instruction	Store in a cool shaded dry area
Flash Point	36°C
Packaging	5 liters & 20 liters
Shelf Life	12 months from the date of manufacture.

SURFACE PREPARATION

This product should be applied to a surface that has been blast cleaned and carefully primed.

- Remove all wax, oil and grease by solvent cleaning in accordance with the guidelines given by SSPC-SPI.
- Where necessary remove weld spatter and round off all rough weld seams and sharp edges to a smooth surface.
- Abrasive blast clean to a minimum standard of Sa 2 ½ Swedish Standard SIS 05 59 00 or ISO 8501-1 : 1988
- Any surface defects revealed by blast cleaning should be ground, filled or treated in a suitable manner.
- An average surface profile of 25 microns is acceptable, but this average should not exceed 40 microns.
- After blasting, remove dust from the surface.
- The surface preparation may be reduced to St 2 Swedish Standard SIS 05 59 00 or ISO 8501-1 : 1988 but this will reduce the effective lifetime of the system.

APPLICATION

- A number of Berger Primers can be adopted depending on contract requirements. . For all general structural steelwork, piping, ducting, etc, apply 2 coat of either LUXAPRIME 1300 or LUXAPRIME 1400. These would normally be applied after fabrication and/or erection.
- When blast cleaning is employed, should a holding primer is required, apply one coat of EPILUX 66 to 25 micron.
- When used in a heat resisting system up to 100°C for radiators, boiler fronts, pipe work, chimneys, etc, it is recommended that LUXAPRIME 1000 be applied in 2 coats or alternatively 1 coat EPILUX 66 before fabrication and 2 coats of LUXATHERM 6200 after fabrication.
- For galvanized, metal sprayed or aluminum, pre-treat with 1 coat of LUXAPRIME 1500 followed by 2 coats of Luxatherm 6200

PRODUCT USE RESTRICTIONS

- Do not apply this product directly to a zinc primer or galvanizing without a suitable tie coat.
- Do not over apply this product. If the recommended film thickness is exceeded, blistering may occur at high temperatures.
- This product may change color above 180°C . But performance will not be impaired by this.
- Not suitable for immersed conditions.
- Dry heat resistance up to 220°C.
- May also be applied between 25 and 50 microns DFT.

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.