

PROTECTIVE COATINGS

High Temperature 200



BERGER HIGH TEMPERATURE HT 600 COATING

PRODUCT DESCRIPTION

A modified medium oil incorporating polished leafing aluminium with high heat resistance up to 200 °C. This solvent based coating is suitable for both interior and exterior surfaces and can be used as a finish on structural steel, marine structures, tanks etc.

DESIGNED USE

- Excellent maintenance coating for Structural Steel, Marine Structures, Tanks, etc.
- Heat resistant to 200°C (400°F)

PHYSICAL DATA

VOLUME SOLIDS

(based on ASTM D2697)

37% ± 2%

TYPICAL DRY FILM THICKNESS

50 microns

WET FILM THICKNESS

120 microns

THEORETICAL COVERAGE

8.5-9 m²/litre (338-358 sq ft per 3.7L) @ 50 microns DFT

COLOUR

Aluminum

FINISH

Flat

APPLICATION

METHOD OF APPLICATION:

DETAILS

AIRLESS SPRAY

This is the recommended method of application:
Maximum 5 % thinner may be added
Tip Size: 0.38 - 0.43 mm (0.015 - 0.017 in)
Pressure: 160 - 200 kg/cm² (2200 - 2800 psi)

BRUSH OR ROLLER

May be used for difficult shapes or touch-up.
However, additional coats may be required to achieve the recommended film thickness

CONVENTIONAL SPRAY

This is also a suitable method of application:
Maximum 20% Thinner may be added
Tip Size: 1.8 mm - 2.2 mm (0.071 - 0.087 in)
Pressure: 40 - 45 Psi (2.75 - 3.45 kg/cm²)

DRYING TIME:

Touch Dry - 2 hours
Recoat time - 18 hours
Hard dry - 18 hours

CONDITION:

Do not apply this product if the relative humidity exceeds 95% or if the substrate temperature is within 3°C of the dew point

ADDITIONAL INFORMATION

Thinner / Cleaning solvent

Reducer No. 2

Storage Instruction

Store in a cool shaded dry area

Flash Point

40°C

Packaging

1 Gallon (3.7L)

Shelf Life

24 months from the date of Manufacturing

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SURFACE PREPARATION

This coating is usually applied over a suitable primer undercoat or build coat. The underlying system should be free from defects and undamaged. 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. Always ensure the maximum overcoating time for the primer/build coat has not been exceeded prior to application.

For general structural steelwork, piping, ducting etc, apply 2 coats of Luxaprime 1400. These would normally be applied after fabrication and/or erection. Apply HT 200 Aluminium as specified

PRODUCT USE INSTRUCTIONS

Not recommended for immersion services

- High DFT (> 50microns) is not recommended as this may lead to cracking and premature failure

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 thinner
- 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

These suggestions and data are based on information we believe to be reliable. They are offered in good faith but without guarantee, as conditions and methods of use of our products are beyond our control. We recommend that the prospective user determines the suitability of our materials and suggestions before adopting them on a commercial scale. Suggestions for uses of our products should not be understood as recommendations that they be used in violation of any patent or regulations.

For specific recommendations, contact ANSA COATINGS Technical Service Department Version 4 Jan 2025.

