



High Temperature Paint- Product Data Sheet

Production Description:

A single component, high temperature coating based on moisture cure silicon resin. It is suitable for temperature up to 650°C.

Application:

For the protection of steel from corrosion on equipment exposed to high temperature like Chimneys, Exhausts, Vents and Pipe works at temperature up to 650 °C.

Technical Information:

Colour : Aluminium, White, and Black.
 Volume solids : 36-38% - Aluminium and 43-45 – White /Black.
 Specific Gravity : 0.92-Aluminium and 1.2-1.3 –White/Black
 Flash Point : 25 degree Celsius.

Theoretical Coverage:

Aluminium : For 25 microns dry film thickness, 15 Sq.Mtr Per Litre.
 Colours : For 25 microns dry film thickness , 17 Sq.Mtr Per Litre

Drying Time:

| Ambient Temperature | Touch Dry | Hard Dry | Overcoating Interval |
|---------------------|-----------|----------|----------------------|
| ° .C | Minutes | Hours | Hours |
| 5 | 60 | 5 | 16 |
| 10 | 60 | 3 | 12 |
| 15 | 60 | 3 | 12 |
| 25 | 30 | 2 | 12 |
| 40 | 15 | 2 | 6 |

Above data should be considered for guidelines only. Actual drying time can depends on number of coats, thinning, temperature, and ventilation etc.

Application Condition:

Surface Preparation: All surfaces to be coated should be clean, dry and free from other contamination. Before application of this paint, surface should be treated in accordance with ISO 8504:1992. Solvent cleaning should remove oil and grease.

Blast cleaning to Sa 2 1/2 (ISO 8501-1:1998) OR SSPC SP6. If any surface defect found, it should be ground, filled or treated as per standard manner.

Application Data:

Mixing: The material is single component and should be mixed thoroughly with power agitators before application.

Thinner: Omega H.T. Thinner.

Pressure at Nozzle: 15 Mpa (150Kg/Sq.cm)

Nozzle Tip: 0.38- 0.48mm

Spray Angle: 40°-60 °

Clean Up:

Clean all equipment immediately after use with thinner .It is good to flush out spray equipment periodically during the working day. All surplus materials and empty containers should be disposed in accordance with regional regulations.

Storage and Packing: The product must be stored as per the national regulations. It should be stored in dry place with proper ventilation. The containers should be sealed tightly.

Health & Safety:

Please observe the precautionary notice displayed on the container. Spray under well ventilated conditions. Avoid skin contact. Eye should be well flushed with water and medical attention sought immediately.

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