

High Temperature Paint

Production Description

A single component, high temperature coating based on moisture cure silicon resin. It is suitable for temperature up to 650 C. Provide protection of steel from corrosion on equipment exposed to high temperature like Chimneys, Exhausts, Vents and Pipes.

Areas of Application

The product is recommended for equipment that exposed to high temperature like Chimneys, Exhausts, Vents and Pipes.

Technical Data

Colour	Black, white and silver
Solvent Resistance	Strong
Toxicity	Dry film is non toxic
Thinning & Clean Up	Omega Xylene
Theoretical Coverage*	10 sq.m. / litre for 40 microns.
Drying Time (at 25 C & RH 60%)**	Touch dry: approx. 30 minutes / Recoat: minimum 12 hours**
Gloss Level	Satin
Packs available	4 litre & 20 litre

*Practical coverage depends on surface profile, method of application and dry film thickness. Higher film thickness leads to lower coverage.

** Cooler temperature, higher film thickness, or higher humidity conditions will lead to longer drying times.

Method of Application

Airless Spray.

Surface Preparation

Remove all the dust, dirt, grease and oil from the surface. 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. If any surface defect found, it should be ground, filled or treated as per standard manner.

Application

Stir thoroughly before use with a flat bladed stirrer or powered agitators. Thin paint with maximum 10% thinner to achieve desired viscosity in accordance to intended application method. Avoid over spraying. Must provide adequate ventilation during use. Do not apply at temperature below 10 °C, and provide adequate ventilation during use.

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Flammability & Transport

Highly Flammable.

Keep away from heat and flame, eliminate any source of ignition. Ensure container is upright with lid secure.

Ensure the container is secured in the vehicle for transport.

Environmental

Do not wash painting equipment and allow waste to enter drains and water ways.

Do not dispose of unwanted paint and thinners that will enter drains and water ways.

Refer to state / local EPA and council web sites for environmental and safe disposal details.

Safety & Precautions

Do not apply when surface temperature is below 10 °C or over 35 °C

Do not apply in environments of high humidity/moisture, or if pending rain is a possibility. Apply in calm fine weather conditions and only during daylight hours.

Cease painting 2 hours before sunset or if weather changes are forecast. Use only the recommended thinner for dilution and cleaning.

Check paint colour to the colour chart/standard prior to application Provide adequate ventilation during use.

Keep out of reach of children

Avoid exposure of the new paint film to steam for 48 hours and to washing or scrubbing for 7 days. Check cross cut adhesion test of old coating before repainting.

Apply a test sample for compatibility of this product over a small test area.

*Cooler temperature, higher film thickness and higher humidity conditions will require longer drying times

**Practical coverage may depend on surface profile, method of application and losses. Higher film thickness will lead to lower coverage.

The technical information and suggestions for use and application are given in good faith. Since conditions of use are beyond the manufacturer's control, information contained herein is without warranty, implied or otherwise. The manufacturer does not assume any liability for any loss or injury resulting from the use of the product. Cooler temperature, higher film thickness and higher humidity conditions will require longer drying times

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