

PRODUCT CODE - 7103
ROSALEE HR 600 - UP TO 600 °C – SILICON PAINT

Composition

This is silicon polymer based product which combines heat resistance up to 600° c.

Recommended Applications

This coating can be applied where dry heat resistance up to 600° c is required. Areas like chimneys, ovens, stack, exteriors of boilers etc. Can be coated with this paint.

Technical Data

COLOUR	:	Aluminium
FINISH	:	Smooth and shiny
VISCOSITY	:	35 to 45 sec by fc no.4@ 30° c.
WEIGHT/LITRE	:	0.93 ± 0.05 kg/ltr
VOLUME SOLIDS	:	35 ± 2%
THEORETICAL SPREADING RATE	:	12 to 14 sq. Mtr/ ltr@ dft of 25 Microns
DRYING TIME	:	Surface dry : 1 to 2 hrs @ 30° c Hard dry : 30 min @ 180°c
DRY FILM THICKNESS	:	20 to 25 microns
HEAT STABILITY	:	Up To 600° c. In dry heat

Typical Application Systems And Equipments

It is recommended to apply heat resisting aluminium paint on an inorganic zinc silicate primed surface or on zinc/aluminium metallised surface. Zinc corrosion products must be removed before application of the aluminium paint.

This product is generally applied by brush and conventional spray

application Brush application:

Thinner	:	synthetic thinner 011
Addition	:	5 %, if required

Conventional spray application setting:

Thinner	:	synthetic thinner 011
Addition	:	5 %, if
required Nozzle orifice	:	1.2 -1.4 mm
nozzle pressure	:	40-50 psi

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Surface Preparation

This paint can be directly applied over surface, which must be blasted up to sa 2½. If blasting is not possible clean the surface with wire brush and sand papers to remove old paint and loosely adherent rust. The surface must be clean and dry, free from oils, dirt and moisture before application.

Health And Safety

Heat resisting aluminium paints contain organic solvents and aluminium pigments. Mixing and handling of this product this paints must be carried out with taking proper safety measures to avoid skin contacts, eye contacts, and inhalation of solvent vapours and mist of the paint spray. The painting must be carried out in a well ventilated spray booths fitted with proper exhaust systems. If painting is to be done on site, care must be taken that along with the spray painter; other people in the nearby area are also protected in the same manner as the painter. Polyurethane paints if swallowed immediately contact a doctor.

Disclaimer

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PRODUCT DATA SHEET
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