

**KISEKI**

奇跡



Manufactured by :

**Maharani Innovative Paints Pvt Ltd**

# KISOTHERM FINISH

## SCOPE

Heat Resistance paint based on silicone resin and pigmented with anticorrosive and heat resistant pigments. The paint is having a high degree of Heat Resistance when applied on a properly treated surfaces and gives a good protective finish

## USES

To be used as topcoat on Mufflers, Exhaust, Oven, Furnaces, Hot pipes Incinerators Reaction Vessel & similar substrates exposed to thermal conditions.

## FEATURES/ BENEFITS

- ▶ Tough thermal barrier which gives excellent bonding with surface.
- ▶ Excellent color retention and chalk resistance.
- ▶ Resistance to peeling & cracking.
- ▶ Excellent coverage and hiding.

## KEY ATTRIBUTES

- ▶ Application Temperatures : 10-45 degc


## PERFORMANCE PROPERTY

Chemical Resistance

Exposures	Splash & Spillage	Mild Fumes/Outdoor Resistance
Acid	+	+
Alkalis	+	+
Solvent	+	+
Salt	++	+++
Water	+++	+++
Weather ability	+++	
Flexibility	++	
Adhesion	+++	

Excellent	:	+++
Very Good	:	++
Good	:	+

## PRODUCT PARAMETERS

1. Type : Single pack Heat Resistance Paint (250 to 600°C)
2. Composition : Modified Silicone resin with Anticorrosive pigment.
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 3. Application Tools : Brushing, Spraying
4. Recommended DFT : 30-40 micron per coat
5. Curing Time : 24 Hrs. (Full curing)
6. Color :Black & Silver
7. Finish :Matt
8. Thinner/Cleaner : KISOTHERM THINNER
9. Shelf Life: Up to 12 Months as long as the sealed containers are kept under cover in a dry place under normal temperature.

## SYSTEM SELECTION GUIDE

Surface	Steel	Steel
1 <sup>st</sup> Coat	Kisotherm Primer	Kisotherm Finish
2 <sup>nd</sup> Coat	Kisotherm Finish	Kisotherm Finish
3 <sup>rd</sup> Coat	Kisotherm Finish	Kisotherm Finish

## SURFACE PREPARATION

Steel : Component Surface should be free from rust, dust, grease or oil. Degrease & blast clean to SA 2 ½ grade. After achieving surface profile of SA 2 ½ the primer should be applied with in 2 hrs. System of coating should be selected depending upon the type of substrate. Apply Kisotherm primer as per requirements and atmospheric conditions, smoothen the surface and apply Kisotherm finish.

## APPLICATION

Stir the base thoroughly during application

## BRUSH

Apply without thinning

## CONVENTIONAL SPRAY

Add Kisotherm thinner depending on spray conditions. Use any standard equipment at an atomizing pressure of 3.5-4.5 kg/cm<sup>2</sup>.

## NOTES

1. Use off the thinner mixed paint with in 24 hrs .
2. Do not apply when temperature falls below 10°C or rises above 50°C and when relative humidity rises above 90%. Do not apply during rain, fog or mist
3. Brushes and spray equipment should be cleaned with Kisotherm Thinner.
4. Special care to be taken to close immediately the partly used Material.

## HEALTH &amp; SAFETY

Please refer to the separate Material Safety Data Sheet available with detailed information.

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