

DESCRIPTION

Formulated with pure silicone resin and heat-resistant pigment, Dyno Silicone Hi-Heat provides excellent heat resistance for metal surfaces constantly exposed to temperatures up to 650°C in dry heat environments.

PRODUCT FEATURES AND RECOMMENDED USES

Suitable for applications requiring heat-resistant coatings with temperatures between 230 - 650°C (dry heat, no steam or moisture), such as exhaust pipes, furnaces

TECHNICAL DATA

Type	Pure Silicone Resin
Color	4310 Aluminum, 4399 Black
Texture	Semi - Gloss
Non-Volatile	25 – 30 % by volume
Coverage (Theoretical)	35 - 45 sq.m./Gallon
Wet Film Thickness	100 - 140 microns
Dry Film Thickness	25 - 35 microns
Application	Brush, Roller or Spray
Diluent	Dyno Thinner No.2
Drying Time	Brush, Roller 5 – 10% by volume
	Air Spray 10 – 20% by volume
	Touch Dry 25 - 30 minutes
	Re-coat 2 - 3 hours
	Hard Cured Each requires one hour at elevated temperature of 230°C

SURFACE PREPARATION

Make sure the surface to be painted is free from dirt, grease, waxy contaminants, and loose peeling paint. Rust or mill scale must be removed by mechanical means, power tools, or sandblasting to ensure the surface is sound for subsequent coating. To achieve optimal performance, it is critically important that surface preparation reaches a minimum cleanliness level of Sa2.5.

SUGGESTED COATING SYSTEMS

For Steel Structures

Dyno High Heat Coatings 650 C	2 Coats
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Note

No primer is required. A minimum of 2 coats is necessary.