



GITITERM 33429

GITI ASSA Co.

Product Description	Single pack pure silicone, heat resistant paint containing inorganic pigments. After curing, the coating has very good resistance to thermal shock conditions from ambient temperature to 600 °C, and provides excellent rust-preventing property. Also, it has outstanding electric insulation and resistance to weathering.
Recommended Use	As a heat resistant paint for use on stoves, motor, boilers, heaters, mufflers, ventilators, steam lines and similar thermal implements operating from ambient temperature to 600 °C.

Physical Properties

Finish and Color	Semi-Matt , Silver			
Drying Time	Substrate Temperature	10°C	25°C	35°C
	Set to touch	4 h	2 h	30 min
	Dry to hard	24 h	4 h	2 h
	* For full hardness, the coating should be exposed in service at temperature of 200 °C over 1 hour time period.			
Solids By Volume	40±3 % (Determined by ISO 3233)			
Theoretical Spreading Rate	16 m ² /L in 25 µm DFT			
Specific Gravity	1.10 ±0.05			
Flash Point	26°C (Closed Cup)			

Application Details

Surface Preparation	Remove oil, grease, dirt and any other contaminants from the surface. The surface should be assessed and treated in accordance with ISO 8504. * Bare steel: Blast cleaning to Sa2.5 or power tool cleaning to St3.0 (ISO 8501-1:2007).
Application Conditions	The Surface should be clean and dry completely; The surface temperature should be min. 10 °C and at least 3 °C above the dew point of the air. In the confined spaces, provide adequate ventilation during application and drying.
Preceding Coat	May be applied directly to the well cleaned surface.
Thinning	Thinner No.2040
Application Method	Spray (Airless or Air) or Brush application. For airless spray application: Nozzle orifice : 0.013 ~ 0.015" Output pressure : 1800 ~ 2100 psi Spray angle : 40~60° (Airless spray data are indicative and subject to adjustment)
Typical Film Thickness	25 ~ 50 µm DFT May be specified in another film thickness than indicated depending on purpose and area of use.



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Recoating Interval	At 25 °C	Minimum	:	24 h		
		Maximum	:	Free		
	The surface should be dry and free from any contamination prior to application of the subsequent coat.					
Shelf Life	12 months in a dry, cool, well ventilated space and away from source of heat and ignition. Containers must be kept tightly closed.					
Heat Resistance	Continuos: 600°C (Non-immersion service) * Discoloration degree is dependent on color and exposed temperature.					
Chemical Resistance		Acids	Alkalis	Solvents	Salts	Water
	Splash & Spillage	Fair	Poor	Good	Good	Good
	Fumes	Fair	Fair	Good	Good	Good
Standard Packing Unit	3.5 kg , 17 kg					
Health and safety	Avoid prolonged breathing of solvent vapors. Use with adequate ventilation. Respiratory protection is recommended during application in confined spaces or stagnant air. Keep away from sparks and open flames. Unduly heavy coat result in impaired adhesion.					
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