



## GITITERM 33419

GITI ASSA Co.

<b>Product Description</b>	A single pack modified silicone resin heat resistant paint for medium to high temperature service with good resistance to mild chemical fume environments. It has excellent resistance to thermal shock conditions from ambient temperatures to 400 °C.
<b>Recommended Use</b>	As a heat resistant paint for use on furnace exterior, heat exchanges, stacks, heat generators and similar thermal implements from ambient temperature to 400 °C. Not recommended for immersion service.

### Physical Properties

<b>Finish and Color</b>	Semi-Matt , Silver
<b>Drying Time</b>	At 25 °C Set to touch : 1 h Dry through : 4 h * For full hardness, the coating should be exposed in service at temperature of 200°C over 1 hour time period. * The Actual drying time is subject to the film thickness, ventilation, humidity etc., and drying time under other temperature conditions should be checked.
<b>Solids By Volume</b>	36±3% (Determined by ISO 3233)
<b>Theoretical Spreading Rate</b>	12 m <sup>2</sup> /L in 30 µm DFT
<b>Specific Gravity</b>	1.10±0.05
<b>Flash Point</b>	32°c (Closed Cup)

### Application Details

<b>Surface Preparation</b>	Remove any oil, grease, dirt and any other contaminants from the surface before painting by proper method such as solvent cleaning and fresh water washing ,etc.
<b>Application Conditions</b>	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.
<b>Preceding Coat</b>	GITIZINC 10020, 10020-3, or according to specification.
<b>Thinning</b>	Thinner No. 2040
<b>Application Method</b>	Spray (Airless or Air), Roller 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)
<b>Typical Film Thickness</b>	30 ~60 µm DFT



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<b>Recoating Interval</b>	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.					
<b>Shelf Life</b>	12 months in a dry, cool, well ventilated space and away from source of heat and ignition. Containers must be kept tightly closed.					
<b>Heat Resistance</b>	Continuous : 400 °C (Non-immersion service) * Discoloration degree is dependent on color and exposed temperature.					
<b>Chemical Resistance (with proper primer)</b>		Acids	Alkalis	Solvents	Salts	Water
	Splash & Spillage	Fair	Poor	Poor	Excellent	Excellent
	Fumes	Fair	Fair	Good	Excellent	Excellent
<b>Standard Packing Unit</b>	3.5 kg , 17 kg					
<b>Health and safety</b>	Protect skin and eyes from direct contact with liquid paint, and avoid prolonged breathing of solvent vapors. Use with adequate ventilation. Respiratory protection is recommended when applying this product in confined spaces or stagnant air.  Although this product air dry rapidly, It remains somewhat soft until exposed to heat over 200 °C, and may be susceptible to mechanical damage. However, It is unaffected by moderate term weather exposure.					
<b>Rev. 06</b>	Sept. 2020					