



GITITERM 34411

GITI ASSA Co.

Product Description	Silicone based, heat resistance paint with excellent weather resistance. It will withstand temperature up to 400°C.
Recommended Use	As a heat resistant paint for use on stacks, boilers and similar thermal operating surfaces.

Physical Properties

Finish and Color	Flat, White, Red, Brown, Black, Cream and Grey
Drying Time	At 25 °C Set to touch: 15 min. Dry through: 4 h * For full hardness, the coating should be exposed in service at temperature of 200°C over 1 hour time period.
Solids By Volume	45±3% (Determined by ISO 3233)
Theoretical Spreading Rate	18 m ² /L in 25 μ DFT
Specific Gravity	1.4 ± 0.05
Flash Point	25°C (Closed Cup)

Application Details

Surface Preparation	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.
Application Conditions	The Surface should be clean and dry completely; The surface temperature should be min. 5 °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	GITITERM 14121, GITIZINC 10020, or according to specification.
Thinning	Thinner No. 2040
Application Method	Spray (Airless or Air) or Brush application. For airless spray application: Nozzle orifice : 0.015 ~ 0.017" Output pressure : 1800 – 2100 psi Spray angle : 40~60° (Airless spray data are indicative and subject to adjustment) *Brush: Use full brush and avoid re-brushing. Use maximum amount of thinner.
Typical Film Thickness	25 ~ 50 μ DFT May be specified in another film thickness than indicated depending on purpose and area of use.



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Recoating Interval (with others)	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	Continuous : 400 °C (Non-immersion service) * Discoloration degree is dependent on color and exposed temperature.
Standard Packing Unit	4.5 kg , 18 kg
Health and safety	Avoid humidity and direct sunlight. Mix thoroughly prior to application, and occasionally stir well during application to avoid sedimentation. Store unused material in tightly closed containers. Keep away from sparks and open flames. Use with adequate ventilation. Protect skin and eyes from direct contact with liquid paint, and avoid prolonged breathing of solvent vapors. In case of eyes contact, flush immediately with plenty of water for at least 15 minutes. Consult physician immediately. Respiratory protection is recommended during application in confined spaces or stagnant air.
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