



GITITERM 33429

GITI ASSA Co.

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| Product Description | Single pack pure silicone resin based, 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

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| Finish and Color | Semi flat , 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±2 % (Determined by ISO 3233) | | | |
| Theoretical Spreading Rate | 20.0 m ² /L in 20 µm DFT | | | |
| Specific Gravity | 1.10 ±0.05 | | | |
| Flash Point | 26°C (Closed Cup) | | | |

Application Details

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| 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. 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 | 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 | 20 ~ 40 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. | | | | | |
| Rev.04 | Mar. 2019 | | | | | |