# GITIGUARD 53478

GITI ASSA Co.

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| **Product Description** | Two-pack glass flake phenolic modified epoxy based, heavy duty coating with excellent resistance to wide range of, solvents, crude and fuel oils, and non-oxidizing salt solution. |
| **Recommended Use** | As an anti-corrosion and anti-abrasion a coating for protection of structures in the chemical industries. |

## Physical Properties

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| **Finish and Color** | Gloss, White, Gray and other colors based on order. |
| **Drying Time** | |

| Substrate Temperature | 10 °C | 25 °C | 35 °C |
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| Set to touch[1] | 10 h | 6 h | 3 h |
| Dry through[1] | 24 h | 12 h | 8 h |

[1] Drying times are generally related to film thickness, air circulation, humidity, temperature, and number of coats, and will be affected correspondingly.

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| **Solids By Volume** | 72±2 % (Determined by ISO 3233) |
| **Theoretical Spreading Rate** | 7.2 $m^2$ /L in 100 µ DFT |
| **Specific Gravity** | 1.45±0.05 for mixture of Base and Curing agent. |
| **Flash Point** | Base: 17°c (Closed Cup)<br>Curing agent: 24°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.<br>* Bare steel:<br>Blast cleaning to Sa2.5 (ISO 8501-1:2007).<br>Roughness: using suitable abrasive to achieve 50 ~ 75 µ (ISO 8503-2). |
| **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. |
| **Mixing** | Base (Part A) : Curing Agent (Part B) = 2.5 : 1 (by weight)<br>Mix thoroughly together prior to application in the properties with power agitator . |
| **Pot Life** | 8 h at 25 °C |
| **Preceding Coat** | GITIZINC 11020, 11021, 10020,GITICOVER 11040,11041,11941 |
| **Thinning** | Thinner No. 3018<br>Do not dilute each component separately, only the mixture. |
| **Application Method** | Spray (Airless or Air), Roller or Brush application<br>For airless spray application ;<br>Nozzle orifice : 0.021 ~ 0.031”<br>Output pressure : 2700 ~ 3000 psi<br>Spray angle : 40 ~ 60°<br>(Airless spray data are indicative and subject to adjustment) |

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| **Typical Film Thickness** | 100 ~ 300 µ DFT<br>May be specified in another film thickness than indicated depending on purpose and area of use. |
| **Recoating Interval** | At 25 °C Minimum : 16 h<br>Maximum : 5 d<br>The surface should be dry and free from any contamination prior to application of the subsequent coat. |
| **Subsequent Coat** | GITIGUARD 53478 |
| **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 : 150 °C (Non-immersion service)<br>Non-continuous : 180 °C (Non-immersion service) |
| **Chemical Resistance** | |
| **Standard Packing Unit** | 10 kg base , 4 kg GITICURE 20150 |
| **Health and safety** | Do not store at temperature below 10 °C or above 30 °C.<br>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. |
| **Rev:01** | Mar.2018 |

| | Acids | Alkalis | Solvents | Salts | Water |
|---|---|---|---|---|---|
| Splash & Spillage | Good | Good | Good | Excellent | Excellent |
| Fumes | Good | Good | Good | Excellent | Excellent |