



GITIGUARD 51471

GITI ASSA Co.

Product Description	Two-pack 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 a coating for protection of structures in the chemical industries.

Physical Properties

Finish and Color	Gloss, White, Gray and other colors based on order.			
Drying Time	Substrate Temperature	10 °C	25 °C	35 °C
	Set to touch ¹	7 h	3 h	1 h
	Dry through ¹	24 h	8 h	2 h
¹ Drying times are generally related to film thickness, air circulation, humidity, temperature, and number of coats, and will be affected correspondingly.				
Solids By Volume	75±2 % (Determined by ISO 3233)			
Theoretical Spreading Rate	7.5 m ² /L in 100 µm DFT			
Specific Gravity	1.55±0.05 for mixture of Base and Curing agent.			
Flash Point	Base: 17°C (Closed Cup) Curing agent: 25°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 (ISO 8501-1:2007). Roughness: using suitable abrasive to achieve 50 ~ 75 µm (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) = 3 : 1 (by weight) Mix thoroughly together prior to application in the properties with power agitator.
Pot Life	5 h at 25 °C
Preceding Coat	GITIZINC 11020, 11021, 10020, GITICOVER 11040, 11941, GITIGUARD 14741
Thinning	Thinner No. 3018 Do not dilute each component separately, only the mixture.
Application Method	Spray (Airless or Air), Roller or Brush application For airless spray application ; Nozzle orifice : 0.019 ~ 0.021" Output pressure : 1600 ~ 1800 psi Spray angle : 40 ~ 60° (Airless spray data are indicative and subject to adjustment)



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Typical Film Thickness	100 ~ 300 μm DFT					
	May be specified in another film thickness than indicated depending on purpose and area of use.					
Recoating Interval	At 25 °C		Minimum : 16 h			
			Maximum : 5 d			
	The surface should be dry and free from any contamination prior to application of the subsequent coat.					
Subsequent Coat	GITIGUARD 51471					
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)					
	Non-continuous : 180 °C (Non-immersion service)					
Chemical Resistance		Acids	Alkalis	Solvents	Salts	Water
	Splash & Spillage	Good	Good	Good	Excellent	Excellent
	Fumes	Good	Good	Good	Excellent	Excellent
	Immersion	Good	Good	Good	Excellent	Excellent
Standard Packing Unit	12 kg base , 4 kg GITICURE 12150					
Health and safety	Do not store at temperature below 10 °C or above 30 °C. 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.					
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