



GITIMASTIC 52141

GITI ASSA Co.

Product Description	Two-pack polyamide cured epoxy based, high-build coating for heavy steel structures. It provides good resistance to water and excellent anti-corrosive property.
Recommended Use	As a high-build intermediate or finish coat for using on the bridges or general steel structures. For structures exposed to outdoor, urethane topcoat is recommended.

Physical Properties

Finish and Color	Flat, Grey, Cream and other colors based on order			
Drying Time	Substrate Temperature	10 °C	25 °C	35 °C
	Set to touch ¹	4 h	3 h	1.5 h
	Dry through ¹	72 h	10 h	3 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	70±2% (Determined by ISO 3233)			
Theoretical Spreading Rate	7.0 m ² /L in 100 µm DFT			
Specific Gravity	1.60±0.05 for mixture of Base and Curing agent.			
Flash Point	Base: 20°C (Closed Cup) Curing agent: 37°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.
Preceding Coat	GITIZINC 10020, 11020, 11021, GITICOVER 11040, 11030, 11041, 11031, GITIGUARD 11240, when Applied over GITIZINC 10020, a mist coat is required to reduce the bubbling.
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) = 8 : 1 (by weight) Mix thoroughly together prior to application in the properties with power agitator.
Pot Life	8 h at 25 °C
Thinning	Thinner No. 3010 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 : 0.017 ~ 0.021" Output pressure : 2100~2700 psi Spray angle : 40 ~ 60° (Airless spray data are indicative and subject to adjustment)



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Typical Film Thickness	100 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 : 7 d The surface should be dry and free from any contamination prior to application of the subsequent coat.					
Subsequent Coat	GITICOVER 31101, GITIGUARD 31121, GITIDUR 31201, 32201, 31211, 32211					
Shelf Life	18 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 : 90 °C (Non-immersion service) Non-continuous : 120 °C (Non-immersion service)					
Chemical Resistance		Acids	Alkalis	Solvents	Salts	Water
	Splash & Spillage	Fair	Excellent	Good	Excellent	Excellent
	Fumes	Good	Excellent	Good	Excellent	Excellent
	*NR : Not Recommended					
Standard Packing Unit	22.4 kg base , 2.8 kg GITICURE 10080					
Health and safety	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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