



GITIMASTIC 23197

GITI ASSA Co.

Product Description	Two-pack high solid micaceous iron oxide (MIO) pigmented epoxy based self-priming, anti-abrasion coating with excellent resistance to seawater and industrial environment. Applicable over new or old steel requiring only by removing loose rust as a surface tolerant coating.			
Recommended Use	As an anti-corrosion and anti-abrasion coating for long-life protection of steel structures in severely corrosive environment. Applicable to steel structures for offshore projects, plants, bridges and others.			
Physical Properties				
Finish and Color	Flat/ metallic Grey			
Drying Time	Substrate Temperature	10 °C	25 °C	35 °C
	Set to touch ¹	16 h	3 h	2 h
	Dry through ¹	36 h	8 h	4 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	72±2% (Determined by ISO 3233)			
Theoretical Spreading Rate	7.2 m ² /L in 100 μ DFT			
Specific Gravity	1.70 ± 0.05 for mixture of based and curing agent.			
Flash Point	Base: 16°C (Closed Cup) Curing agent: 24°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 or power tool cleaning to St3.0 (ISO 8501-1:2007). Roughness: using suitable abrasive to achieve 25 ~ 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) = 3 : 1 (by weight) Mix thoroughly together prior to application in the properties with power agitator.			
Pot Life	4 h at 25 °C			
Preceding Coat	GITICOVER 11040, 11030, 11041, GITIGUARD 11240, GITIZINC 11021, 11020.			
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 : 0.019 ~ 0.021" Output pressure : 2400 ~ 2700 psi Spray angle : 40~60° (Airless spray data are indicative and subject to adjustment)			



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Typical Film Thickness	100 ~ 200 μ 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	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 : 90 °C (Non-immersion service) Non-continuous : 120 °C (Non-immersion service)					
Chemical Resistance		Acids	Alkalis	Solvents	Salts	Water
	Splash & Spillage	Good	Good	Very Good	Excellent	Excellent
	Fumes	Very Good	Excellent	Excellent	Excellent	Excellent
Standard Packing Unit	12 kg based , 4 kg GITICURE 20150					
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.					
Rev.00	Sep.2018					