



## GITICOVER 23121

GITI ASSA Co.

<b>Product Description</b>	Two-pack polyamide cured epoxy based, high-build coating. It provides a hard and tough film with very good resistance to abrasion and a wide range of acids, alkalis and chemical with suitable top coat.
<b>Recommended Use</b>	As an intermediate or finish coat for steel or concrete surfaces in severe corrosive environments and subject to mechanical wear.

### Physical Properties

<b>Finish and Color</b>	Semi-gloss, Grey ,Cream and other colors based on order			
<b>Drying Time</b>	<b>Substrate Temperature</b>	10 °C	25 °C	35 °C
	Set to touch <sup>1</sup>	2 h	1 h	30 min
	Dry through <sup>1</sup>	48 h	10 h	3 h
<sup>1</sup> Drying times are generally related to film thickness, air circulation, humidity, temperature, and number of coats, and will be affected correspondingly.				
<b>Solids By Volume</b>	62±3 % (Determined by ISO 3233)			
<b>Theoretical Spreading Rate</b>	8.3 m <sup>2</sup> /L in 75 µm DFT			
<b>Specific Gravity</b>	1.45±0.05 for mixture of Base and Curing agent.			
<b>Flash Point</b>	Base: 23°c (Closed Cup) Curing agent: 37°c (Closed Cup)			

### Application Details

<b>Surface Preparation</b>	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.
<b>Application Conditions</b>	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.
<b>Mixing</b>	Base (Part A) : Curing Agent (Part B) = 8 : 1 (by weight) Mix thoroughly together prior to application in the properties with power agitator.
<b>Pot Life</b>	8 h at 25 °C
<b>Preceding Coat</b>	GITIZINC 11021, 11020, 10020, 10020-3 or GITICOVER 11040, 11030, 11041, 11031
<b>Thinning</b>	Thinner No. 3010 Do not dilute each component separately, only the mixture.
<b>Application Method</b>	Spray (Airless or Air), Roller or Brush application For airless spray application: Nozzle orifice : 0.017 ~ 0.021" Output pressure : 2100 ~ 2400 psi Spray angle : 40 ~ 60° (Airless spray data are indicative and subject to adjustment)



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<b>Typical Film Thickness</b>	75 ~ 150 µm DFT May be specified in another film thickness than indicated depending on purpose and area of use.					
<b>Recoating Interval</b>	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.					
<b>Subsequent Coat</b>	GITICOVER 31101, GITIDUR 31201, 32201, 31211, 32211, 31371 GITIGUARD 31121					
<b>Shelf Life</b>	18 months in a dry, cool, well ventilated space and away from source of heat and ignition. Containers must be kept tightly closed.					
<b>Heat Resistance</b>	Continuous            : 90 °C (Non-immersion service) Non-continuous : 120 °C (Non-immersion service)					
<b>Chemical Resistance</b>		<b>Acids</b>	<b>Alkalis</b>	<b>Solvents</b>	<b>Salts</b>	<b>Water</b>
	Splash & Spillage	Fair	Excellent	Good	Excellent	Excellent
	Fumes	Good	Excellent	Good	Excellent	Excellent
<b>Standard Packing Unit</b>	22.4 kg base , 2.8 kg GITICURE 10080					
<b>Health and safety</b>	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.					
<b>Rev.06</b>	Sept. 2020					