



GITICOVER 81050

GITI ASSA Co.

Product Description	A high quality two-pack, rust preventing Epoxy polyamide primer. This primer is compatible with a wide range of subsequent coats such as alkyd, epoxy, urethane, chlorinated rubber or vinyl based coat and also can be applied in all seasons. It provides excellent rust inhibiting properties and does not contain lead or chromate pigments.
Recommended Use	As a universal primer for a wide range of protective systems on exterior and interior steel structures. As a tie coat on zinc silicate primer, GITIZINC 10020 or GITIZINC 10020-3.

Physical Properties

Finish and Color	Matt, Red oxide			
Drying Time	Substrate Temperature	10 °C	25 °C	35 °C
	Set to touch ¹	1.5 h	1 h	30 min
	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	52±3 % (Determined by ISO 3233)			
Theoretical Spreading Rate	10.4 m ² /L in 50 µm DFT			
Specific Gravity	1.50±0.05 for mixture of Base and Curing agent.			
Flash Point	Base: 20°c (Closed Cup) Curing agent: 17°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 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) = 6.5 : 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.



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Application Method	Spray (Airless or Air), Roller or Brush application For airless spray application: Nozzle orifice : 0.015~0.017" Output pressure : 1800 ~ 2400 psi Spray angle : 40~60° (Airless spray data are indicative and subject to adjustment)					
Typical Film Thickness	50 µm DFT (30 µm DFT as tie coat) 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 : 21 d The surface should be dry and free from any contamination prior to application of the subsequent coat.					
Subsequent Coat	GITICOVER 23101, 23121, 24121, 31101, 23107, 23127, GITINYL 53341, GITICR 22351					
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	Good	Good	Very Good	Excellent	Excellent
	Fumes	Good	Excellent	Excellent	Excellent	Excellent
Standard Packing Unit	20.8 kg base , 3.2 kg GITICURE 10050					
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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