



GITICOVER 11941

GITI ASSA Co.

Product Description	Two-pack modified epoxy polyamine based primer containing zinc phosphate as rust inhibiting pigments. It can be applied to non-ferrous metal surfaces which are impossible to do blast cleaning prior to application and forms hard film with very good adhesion properties.
Recommended Use	As a multipurpose epoxy primer for galvanized steel or non-ferrous surfaces such as stainless steel.

Physical Properties

Finish and Color	Matt , Grey			
Drying Time	Substrate Temperature	10 °C	25 °C	35 °C
	Set to touch ¹	16 h	2 h	1 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	70±3% (Determined by ISO 3233)			
Theoretical Spreading Rate	14.0 m ² /L in 50 µm DFT			
Specific Gravity	1.65±0.05 for mixture of based and curing agent.			
Flash Point	Base: 20°c (Closed Cup) Curing agent: 24°c (Closed Cup)			

Application Details

Surface Preparation	Remove oil, grease, dirt and any other contaminants from the surface by solvent cleaning. In case of hot dipped galvanized steel surfaces which are shine and glossy, light sand papering or grinding is recommended to secure good adhesion to substrates.
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) = 4 : 1 (by weight) Mix thoroughly together prior to application in the properties with power agitator.
Pot Life	6 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 ~ 0.019" 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	50 ~ 75 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 : 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, 23107, 23127, GITIGUARD 22121, GITIDUR Top coats.					
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	Good	Excellent	Excellent	Excellent	Excellent
Standard Packing Unit	16 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.08	Sept. 2020					