



GITIZINC 11021

GITI ASSA Co.

Product Description	Two-pack, polyamide cure epoxy zinc primer. It provides long time protection of steel in severely corrosive environment, and has outstanding resistance to mechanical tear and wear. It meets compositional requirements based on SSPC paint 20 level 2. (approx 80% zinc dust in dry film)
Recommended Use	As a long-life primer for use on steel subjected to corrosive environment and mechanical hard wear. As a shop primer for corrosion protection from blast cleaned surface.

Physical Properties

Finish and Color	Semi-matt, Grey			
Drying Time	Substrate Temperature	10 °C	25 °C	35 °C
	Set to touch ¹	2 h	1 h	50 min
	Dry Through ¹	12 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	58±3% (Determined by ISO 3233)			
Theoretical Spreading Rate	11.6 m ² /L in 50 μ DFT			
Specific Gravity	2.50±0.1 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 (ISO 8501-1:2007). Roughness: using suitable abrasive to achieve 50 ~ 75 μ (ISO 8503-2). * Shop primed steel: Clean, dry and undamaged approved shop primer. * Other surface: The coating may be used on the other substrates. Please contact GITI ASSA office for more information.
Application Conditions	The Surface should be clean and dry completely; The surface temperature should be min.10 °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: Curing Agent = 10 : 1 (by weight) Mix thoroughly together half an hour prior to application in the properties as delivered.
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 : 0.017 ~ 0.019" Output pressure : 2100 ~ 2400 psi Spray angle : 40 ~ 60 ° Thinning : up to 50 % when shop-priming (Airless spray data are indicative and subject to adjustment) During the application, continuous agitation is required to prevent the sedimentation of zinc powder. For Brush application: Use only for small areas or touch-up coating.					
Typical Film Thickness	Shop primer : 20 ~ 30 μ DFT. Long-life Primer : 50 ~ 75 μ DFT. May be Specified in another film thickness than indicated depending on purpose and area of use.					
Recoating Interval	At 25 °C Minimum : 16h Maximum : 21 d The surface should be dry and free from any contamination prior to application of the subsequent coat.					
Subsequent Coat	GITINYL 53341, GITICR 23351, 31351, GITICOVER 23101, 23121, 24121, 23107, 23127, 31101, GITIMASTIC 43191, 52141, 51161, GITIGUARD 22121, 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	Fair	Fair	Good	Excellent	Excellent
	Fumes	Good	Good	Excellent	Excellent	Excellent
Standard Packing Unit	32 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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