

GITIZINC 11022

GITI ASSA Co.									
Product	Two-pack, zinc rich polyamide cure epoxy primer that meets the compositional								
Description	requirements based on SSPC paint 20 level 3. (Min 65% Zinc dust in dry film)								
Recommended	As a primer or shop primer for use on structural steel in industrial								
Use	environments.								
Physical Properties	i -								
Finish and Color	Semi-matt, Grey								
Drying Time	Substrate Temperature	10 °C	25 °C	35 °C					
	Set to touch ¹	2 h	1 h	45 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	58±3% (Determined by ISO 3233)								
Volume									
Theoretical	11.6 m² /L in 50 μm DFT								
Spreading Rate									
Specific Gravity	2.45±0.1 for Mixture of Base and Curing agent.								
Flash Point	Base: 20°c (Closed Cup)								
	Curing agent: 17°c (Closed)	Cup)							
Application Details	i								
Surface	Remove oil, grease, dirt and any other contaminants from the surface. The								
Preparation	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 \sim 75 μ m (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 \ensuremath{ASSA}								
	office for more information.								
Application	The Surface should be clean and dry completely; The surface temperature								
Conditions	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								
	delivered.	ii an nour prioi		in the properties as					
Pot Life	8 h at 25 °C								
	Thinner No. 3010								
Thinning	Do not dilute each compone	nt constatulue o	nly the mixture						
	Do not unute each compone	in separately, 0	ing the mixture.						

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Application	Spray (Airless or Air), Roller or Brush application.								
Method	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	Shop primer : 20 ~ 30 μm DFT.								
Thickness	Long-life Primer $:$ 50 \sim 75 μ m DFT.								
	May be Specified in another film thickness than indicated depending on								
	purpose and area of use.								
Recoating	At 25 °C Minimum : 16h								
Interval	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	120 °C (Non-immersion service)								
Chemical		Acids	Alkalis	Solvents	Salts	Water			
Resistance	Splash & Spillage	Fair	Fair	Good	Excellent	Excellent			
	Fumes	Good	Good	Excellent	Excellent	Excellent			
Standard	32 kg base , 3.2 kg GITICURE 10050								
Packing Unit									
Health and	Do not store at temperature below 10 °C or above 30 °C.								
safety	Protect skin and eyes from direct contact with liquid paint, and avoid prolonged								
Surcey	breathing of solvent vapors. Use with adequate ventilation. Respiratory								
	protection is recommended when applying this product in confined spaces or								
	stagnant air.								
Rev.09	Oct. 2022								