



GITIKYD 13931

GITI ASSA Co.

Product Description	Quick drying single pack epoxy ester primer with lead & chromate free corrosion inhibiting pigments.
Recommended Use	As an anti-corrosive primer for protection of structural steels, pipes, vessels & machinery parts against industrial environments.

Physical Properties

Finish and Color	Flat, Grey			
Drying Time	Substrate Temperature	10 °C	25 °C	35 °C
	Set to touch ¹	1 h	15 min	5 min
	Dry through ¹	24 h	5 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	42±2% (Determined by ISO 3233)			
Theoretical Spreading Rate	10.5 m ² /L in 40 µm DFT			
Specific Gravity	1.30±0.05			
Flash Point	21°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.
Thinning	Thinner No. 3039
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	40~50 µm dry. 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 : Free The surface should be dry and free from any contamination prior to application of the subsequent coat.



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Subsequent Coat	GITIKYD 31301 , 52321 , 22301					
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	NR	NR	NR	Good	Excellent
	Fumes	Poor	Poor	Poor	Good	Excellent
	* NR : Not Recommended					
Standard Packing Unit	5 kg , 22 kg					
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.03	Nov.2015					