



GITINYL 13440

GITI ASSA Co.

Product Description	Modified vinyl based primer with lead & chromate free corrosion inhibiting pigments. It forms a tough and flexible film with very good resistance to corrosion, fumes, and splash sea water and weather conditions.
Recommended Use	As an anti-corrosive primer in GITINYL systems on exterior structures in severe corrosive environments including marine and industrial atmosphere.

Physical Properties

Finish and Color	Flat, Red oxide			
Drying Time	Substrate Temperature	10°C	25 °C	35 °C
	Set to touch ¹	45 min	20 min	10 min
	Dry through ¹	24 h	3 h	1 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	35±2 % (Determined by ISO 3233)			
Theoretical Spreading Rate	7.0 m ² /L in 50 µm DFT			
Specific Gravity	1.25±0.05			
Flash Point	29°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 25~75µm (ISO 8503-2).
Application Conditions	The Surface should be completely cleaned and dried completely. Do not apply when relative humidity is above 85 %. The surface temperature should be at least 3 °C above dew point to prevent condensation. In confined areas, ventilate with clean air during application to assist solvent evaporation.
Thinning	Thinner No. 2034
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 ~ 60 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 : Free The surface should be dry and free from any contamination prior to application of the subsequent coat.



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Subsequent Coat	GITINYL 53341					
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 : 60 °C (Non-immersion service) Non-continuous : 80 °C (Non-immersion service)					
Chemical Resistance		Acids	Alkalis	Solvents	Salts	Water
	Splash & Spillage	Good	Good	Fair	Excellent	Excellent
	Fumes	Good	Good	Good	Excellent	Excellent
Standard Packing Unit	4.5 kg , 20 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.					
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