



GITIFLOOR 51171

GITI ASSA Co.

Product Description	Two-pack solvent free epoxy self-leveling floor coating. Its self-leveling properties works on high DFT which gives high adjustable control of the film thickness. Also its high performance properties cause abrasion and chemical resistance.
Recommended Use	As a floor coating for protection of concrete surfaces of workshops, warehouses, laboratories and parking lots. As an anti-slip coating for slippery surfaces in high wear services.

Physical Properties

Finish and Color	Gloss, Grey, Green, Yellow and other colors based on the order.			
Drying Time	Substrate Temperature	10 °C	25 °C	35 °C
	Set to touch ¹	6 h	5 h	1.5 h
	Dry through ¹	24 h	10 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	92±3 % (Determined by ISO 3233)			
Theoretical Spreading Rate	0.9 m ² /L in 1000 µm DFT.			
Specific Gravity	1.50±0.10 for mixture of base & curing agent.			
Flash Point	Base: 25°C (Closed Cup) Curing agent: 52°C (Closed Cup)			

Application Details

Surface Preparation	Remove any oil, grease, dirt and any other contaminants from the surface before painting by proper method such as solvent cleaning and fresh water washing, etc. * Bare steel: Blast cleaning to Sa2.5 (ISO 8501-1:2007). * Concrete : Cleaning according to SSPC-SP13
Application Conditions	The surface should be completely cleaned and dried. 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.
Mixing	Base (Part A) : Curing Agent (Part B) = 5 : 1 (by weight) Mix thoroughly to gather prior to application in the properties as delivered with power agitator.
Pot Life	2 h at 25 °C
Preceding Coat	GITIFLOOR 71100, 82101
Thinning	None Thinner No.3010 (if necessary)



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Application Method	Spray (Airless or Air), Roller, Brush or pectinated rake application. For airless spray application ; Nozzle orifice : 0.025 ~ 0.035" Output pressure : 2100 ~ 2700 psi Spray angle : 40 ~ 60° For brush application : use only for small areas or touch up coating					
Typical Film Thickness	1000 ~ 3000 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 : 7 d The surface should be dry and free from any contamination prior to application of the subsequent coat.					
Subsequent Coat	GITIFLOOR 51171 or GITIDUR paints for exposed area					
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	Good	Excellent	Excellent
	Fumes	Good	Good	Excellent	Excellent	Excellent
Standard Packing Unit	20 kg base & 4 kg GITICURE 12099					
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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