

GlobalDur GN123 Epoxy Resin



TECHNICAL DATA SHEET

Epoxy Resin Transparent Solvent Free

PRODUCT DESCRIPTION	<ul style="list-style-type: none"> ◆ GlobalDur GN123ER is an excellent epoxy primer solvent free for Concrete. ◆ GlobalDur GN123ER is specially design to have excellent transparency and UV resistance, mechanical and aesthetic properties.
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PERFORMANCES	<ul style="list-style-type: none"> • Excellent transparency and UV resistance; • Excellent mechanical properties on mortars and glass reinforced fiber glass; • No harmful solvents- Solvent free; • Excellent wet ability to the substrates. • High mechanical properties.
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RECOMMENDED USE	<p>PRIMER/INTERMEDIATE/FINISH OVER CONCRETE</p> <p>MARINE: Decks, Chain lockers, Tower bridge, etc.</p> <p>PROTECTIVE: Fiber glass reinforced laminates. Suitable for direct application on exterior and interior potable water pipes lines. Sewer lines. Dams and Concrete locks, primer on concrete water tanks, Fuel or Grains storage tanks. Flooring primer and epoxy mortar. Tunnels, etc..</p>
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APPROVALS	
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COMPONENT A	COMPONENT B	COLOURS
GN123ER	H123ER	Clear.

Physical Properties

GLOSS	Glossy.
SOLIDS BY VOLUME	100 % (theoretical)
VOC*	Max. 50g/Lt.
FLASH POINT	> 100°C (> 221°F) Setaflash
PERFORMANCE	<p>Adhesion: >1.5 N/mm² (cohesive rupture on concrete) (ISO4624)</p> <p>Hardness Shore D: ~75 (7d/23°C) (DIN53505)</p> <p>Abrasion Resistance: 70 mg (7d/23°C) (CS10/1000/1000; ISO7784-2)</p>

Application

SURFACE PREPARATION	<p>Painting Direct to Substrate: GlobalDur GN123EP, is suitable for concrete surfaces prepared accordingly with NACE N°6/SSPC-SP13 using:</p> <p>Mechanical Surface Preparation Methods.</p> <p>Chemical Surface Preparation</p>
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ISSUED	Edition 03 / Mod.10 - 01/04/2014
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PERFORMANCE IN COATINGS

content can be changed without notice.

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