

GlobalDur GN120LC Epoxy Primer



TECHNICAL DATA SHEET



Epoxy Primer Solvent Free for Concrete

PRODUCT DESCRIPTION	<ul style="list-style-type: none"> ◆ GlobalDur GN120LCEP is an excellent epoxy primer solvent free for Concrete. ◆ GlobalDur GN120LCEP is specially design to have excellent chemical resistance, mechanical and aesthetic properties. 		
PERFORMANCES	<ul style="list-style-type: none"> • Good adhesion to concrete; • Good mechanical properties on mortars; • Good wet ability to the concrete substrates; • High mechanical properties. 		
RECOMMENDED USE	<p>PRIMER/INTERMEDIATE/FINISH OVER CONCRETE MARINE: Decks, Chain lockers, Tower bridge, etc. PROTECTIVE: Flooring primer and epoxy mortar. Sewer lines, dams and concrete locks. Primer on concrete water tanks, Fuel or Grains storage tanks, tunnels, etc..</p>		
APPROVALS	Complies with EU Directive 2010/42/EC: subcategory j (VOC< 500 g/l).		
COMPONENT A	COMPONENT B	COLOURS	
GN120LCEP	H120ER	Colorless.	

Physical Properties

GLOSS	Glossy.
SOLIDS BY VOLUME	100 % (theoretical)
VOC*	Max. 50g/L.
FLASH POINT	> 100°C (> 221°F) Setaflash
PHYSICAL PROPERTIES	Density: 1,3 g/cm ³

Application

SURFACE PREPARATION	<p>Painting Direct to the Substrate: GlobalDur GN120LCEP is suitable for concrete surfaces prepared accordingly with NACE N°6/SSPC-SP13 using: Mechanical Surface Preparation Methods. Chemical Surface Preparation, Flame Cleaning and Blasting are apart from the surface preparation method. On over coated surfaces be sure of the old coating conditions (no coating defects and corrosion-in "sound conditions") and the compatibility with the GlobalDur GN120LCEP. Please contact GlobalNavy office in case of any doubt or for further information.</p>
APPLICATION METHOD	CONVENTIONAL METHODS: Due to the short pot-life of the product, brush and roller are

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suitable. Can also be applied by air less equipment. Care should be taken in order to achieve the DFT specified. When applying on enclosed areas ensure a good ventilation.

APPLICATION CONDITIONS	The substrate temperature shall be 10°-+50°C. The ambient temperature shall be >10°C . The concrete moisture should be lower than 4%. Surface temperature must always be a minimum of 3°C (5°F) above dew point.
APPLICATION DATA	GlobalDur GN120LC Epoxy Primer is a two pack product, so the base and hardener must be mixed on the right ratio. First, mix well component A during 1 minutes. After that, add all the hardener and stir very well until it get homogeneous. Mix completely both quantities of component A and B packs.
MIX RATIO	4 / 1 (by Weight) 3 / 1 (by Volume)
HARDENER	H120ER
POT LIFE	1 hour (23°C/73°F).
THINNER	GN008TH/GN001TH.
SOLVENT / CLEANER	GN001TH / GN008TH / GN003TH
DRY TIME	Surface dry: 8 hours at 23°C (73°F). Dry to recoat: Min: 12 hours at 23°C (73°F). Max: 7 days at 23°C (73°F).
THEORETICAL COVERAGE:	Epoxy mortar: 1 for 6 part by weight of inertes (GN060IN): 6.6 Kg/m ² - 3 mm de es
TYPICAL PAINT SYSTEM	• GlobalDur GN120LCEP 1 x 0,250Kg (WFT) • GlobaluDrGN132EFSu 2X 0,3Kg (DFT). This is a system for flooring conditions. Please contact GlobalNavy for other applications.
STORAGE	4 years (storage on the original tightly closed containers in a dry, cool, well ventilated space, at temperatures between 5°C - 30°C).
PACKING	Two pack product, available in packs (A+B) 6.25Kg, 25 Kg and 250Kg.
FURTHER INFORMATION	The conventional air spray is only possible with pot pressure- Please contact our GlobalNavy office.
HEALTH SAFETY	Please take the necessary measures in order to accomplish the national laws and regulations regarding the environmental, health and safety at work. Please observe the safety information displayed on the container. Please refer to the Safety Data Sheet for detailed information on the health, safety hazards and precautions for the use of this product.

The information on this data sheet is given to the best of our knowledge based on laboratory testing and practical experience. This is not a specification and all information is given in good faith. Every values presented as Theoretical were calculated from the product formula, so can have deviation from laboratory measurements using standard methods that may be not applicable. However, since the product can be used under conditions beyond our control, the manner of use is the sole responsibility of the user. The product is intended for professional use only. Manufacturer does not assume any liability in connection with the use of the product relative to coverage, performance or injury. This Technical Data Sheet content can be changed without notice.

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