

GlobalDur GN134 Underwater Epoxy



TECHNICAL DATA SHEET



Epoxy Underwater Solvent free injection resin

PRODUCT DESCRIPTION	<ul style="list-style-type: none"> ◆ GlobalDur GN134UE is a two pack solvent free epoxy injection resin for concrete. ◆ GlobalDur GN134UE was developed with special curing agents suitable for underwater application. 	
PERFORMANCES	<ul style="list-style-type: none"> • No harmful solvent vapours; • Good chemical resistance; • Underwater application with good adhesion to metal, concrete and wood. 	
RECOMMENDED USE	Underwater concrete structure's repairs, like fractural cracks, holes or honeycomb; on Dams, Tanks, Pipes, etc.. Can be pump or by gravity application.	
APPROVALS		
COMPONENT A	COMPONENT B	COLOURS
GN134UE	H134UE	Colourless.

Physical Properties

GLOSS	NA
SOLIDS BY VOLUME	100 % (theoretical).
VOC*	NA
FLASH POINT	> 110°C (230°F) Sethflash
PHYSICAL PROPERTIES	Density: 1,5 g/cm ³

Application

SURFACE PREPARATION	Before application of GN134UE, clean surface if any fouling or debris has settled on surface with abrasive discs. Surface should be free of oil or grease contamination paint before application to avoid failures. Apply soap or degreaser. For more detail's contact GlobalNavy's office.
APPLICATION METHOD	GlobalDur GN143UE can be applied by gravity or with injection equipment.
APPLICATION CONDITIONS	Dn not thin this product.
APPLICATION DATA	GlobalDur GN134 Underwater Epoxy is a two pack product, so both components must be mixed on the right ratio. First, component A should be well mixed during 2 minutes. After that, add component B and stir very well until it get homogeneous. If over agitated, Pot Life will be reduced. High temperatures will reduce Pot Life and Low temperatures will increase Pot Life.
MIX RATIO	3,4 / 1 (by weight) and 2,1 / 1 (by volume)
HARDENER	
POT LIFE	30 minutes at 23°C (73°F)

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THINNER	NA
SOLVENT / CLEANER	GN003TH epoxy thinner
DRY TIME	Surface dry: Approx. 8 hours at 23°C (73°F) Recoat: NA.
THEORETICAL COVERAGE:	NA
TYPICAL PAINT SYSTEM	NA
STORAGE	2 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) of 1Kg, 5 Kg and 20 Kg.
FURTHER INFORMATION	
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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