

# GlobalDur GN136 Underwater Epoxy



## TECHNICAL DATA SHEET



### Epoxy Underwater Filler solvent free for steel, concrete, wood and GRP.

<b>PRODUCT DESCRIPTION</b>	<ul style="list-style-type: none"> <li>◆ GlobalDur GN136UE is a solvent free epoxy filler designed for underwater application accordingly with environmental regulations.</li> <li>◆ GlobalDur GN136UE is recommended for areas where high impact resistance and thickness are required, such as pitting, welding and anodic zinc areas.</li> </ul>	
<b>PERFORMANCES</b>	<ul style="list-style-type: none"> <li>• High impact resistance;</li> <li>• Compatible with cathodic protection;</li> <li>• High film build (up to 2,5 cm);</li> <li>• Easy to apply underwater;</li> <li>• Good anticorrosive properties.</li> </ul>	
<b>RECOMMENDED USE</b>	Cracks or repair on ships, offshores, marine structures, water tanks and pipes of steel or concrete.	
<b>APPROVALS</b>		
<b>COMPONENT A</b>	<b>COMPONENT B</b>	<b>COLOURS</b>
GN136UE	H136UE	GN136G9003 (white). For other colours, please contact GlobalNavy's office.

### Physical Properties

<b>GLOSS</b>	Matte.
<b>SOLIDS BY VOLUME</b>	100 % (theoretical).
<b>VOC*</b>	NA
<b>FLASH POINT</b>	> 100°C (> 212°F) Setaflash
<b>PHYSICAL PROPERTIES</b>	Density: 1,2 g/cm <sup>3</sup>

### Application

<b>SURFACE PREPARATION</b>	Designed for application over GN133UE. Before application of GN136UE, 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.
<b>APPLICATION METHOD</b>	GN136UE can be applied by spatula.
<b>APPLICATION CONDITIONS</b>	Water temperature must be > 1°C (18°F).
<b>APPLICATION DATA</b>	GlobalDur GN136 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.

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<b>MIX RATIO</b>	4 / 1 (by weight) and 3 / 1 (by volume)
<b>HARDENER</b>	H136UE
<b>POT LIFE</b>	40 minutes at 23°C (73°C) outside water
<b>THINNER</b>	NA
<b>SOLVENT / CLEANER</b>	GN003TH Epoxy thinner
<b>DRY TIME</b>	Surface dry: Approx. 16 hours at 23°C (73°F) Recoat: Min: 24 hours at 23°C (73°F). After that surface must be reactivated.
<b>THEORETICAL COVERAGE:</b>	NA
<b>TYPICAL PAINT SYSTEM</b>	• GlobalDur GN136UE 5000 g/sqm • GlobalDur GN133UE 1 x 200 g/sqm This is only for guidance, because GN136UE consumption depends from the crack/profile. For other situations, please contact Globalnavy office.
<b>STORAGE</b>	2 years (storage on the original tightly closed containers in a dry, cool, well ventilated space, at temperatures between 5°C - 30°C).
<b>PACKING</b>	Two pack product, available in packs (A+B) of 1 Kg, 5 Kg, .
<b>FURTHER INFORMATION</b>	
<b>HEALTH SAFETY</b>	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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