

# GlobalCryl GN460 WaterProofing Slurry



PERFORMANCE IN COATINGS

## TECHNICAL DATA SHEET

### Acrylic Waterbased WaterProofing Flexible Slurry Membrane

<b>PRODUCT DESCRIPTION</b>	<ul style="list-style-type: none"><li>◆ GlobalCryl GN460WP is a waterbased acrylic slurry.</li><li>◆ GlobalCryl GN460WP incorporates special microfibers net for higher flexibility and waterproofing.</li><li>◆ GlobalCryl GN460WP is design to be applied on masonry and concrete in order to be waterproofing but with good vapour permeability.</li><li>◆ GlobalCryl GN460WP is non-toxic and not harmful.</li></ul>
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<b>PERFORMANCES</b>	<ul style="list-style-type: none"><li>• Good flexibility suitable in cases in which small cracks can occur due to slight vibration on the concrete.</li><li>• Good adhesion over a suitable primer for concrete- GN450AW.</li><li>• Direct application on damp conditions, however the primer GN450AW should be applied first on exterior waterproofing cases.</li><li>• Excellent application properties.</li><li>• Excellent and earlier waterproofing, resistance to weather fastness.</li></ul>
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<b>RECOMMENDED USE</b>	<ul style="list-style-type: none"><li>• Exterior and Interior Water tanks and swimming pools (where osmotic pressure is not present).</li><li>• Exterior and interior brick walls, concrete structures.</li><li>• Underground tunnels, drainages, car parks, etc.</li><li>• Waterproofing of terraces, balconies, roofs, etc.</li><li>• Waterproofing slurry for ceramic tiles.</li></ul>
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<b>APPROVALS</b>	Complies with EU Directive 2010/42/EC: subcategory A/c (VOC < 40 g/l).
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<b>COMPONENT A</b>	<b>COMPONENT B</b>	<b>COLOURS</b>
GN460WP	-	Colourless. Grey colour when added the cement portland.

### Physical Properties

<b>GLOSS</b>	Satin.
<b>SOLIDS BY VOLUME</b>	50 ± 2 % (85 ± 5 % when mix with cement on 2,5 mix ratio).
<b>VOC*</b>	< 25g/L.
<b>FLASH POINT</b>	> 200°C (> 392 °F) Setaflash.

<b>PERFORMANCE</b>	
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### Application

<b>SURFACE PREPARATION</b>	Painting Direct to Substrate: GlobalDur GN460WP is suitable for concrete surfaces prepared (dry or wet) accordingly with NACE N°6/SSPC-SP13 using: Mechanical Surface Preparation Methods Chemical Surface Preparation Flame Cleaning and Blasting
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<b>ISSUED</b>	Edition 03 / Mod.10 - 01/03/2018
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This means that the surface shall be free of laitance, dust, oil and contaminants. Remove also the honeycombed and blowholes before painting. Apart from the surface preparation method, the moisture tolerance of GlobalCryl GN460 WaterProofing screed allow the surface to be washed with tap water and let dry before painting, ensuring a final lower dust/salts level. Do not apply on hot and dry surfaces. Please contact GlobalNavy office in case of any doubt or for further information.

<b>APPLICATION METHOD</b>	SPRAY: Use equipment with a 100-140 bar outlet pressure. A 0,019" - 0,025" tip is recommended. CONVENTIONAL METHODS: Brush and roller are suitable for "stripe-coat" on, floorings and walls and small areas. Use screed or spatula to apply as a screed, care should be taken in order to achieve the dft specified.
<b>APPLICATION CONDITIONS</b>	The substrate temperature should be maximum 30°C (86°F) minimum 10°C (50°F) and at least 4°C (7°F) above the dew point of the air, measured in the vicinity of the surface. The moisture should be < 85%. On terraces waterproofing systems, the Tramex humidity initial should be less than 6%.
<b>APPLICATION DATA</b>	GlobalGlobalCryl GN460WP Waterbased should be mixed and after pouring the portland cement powder with constant stirring until achieve a lump-free mixture.
<b>MIX RATIO</b>	1Kg of GN460AW to 2,5Kg portland cement (10Kg of GN460AW to 25Kg portland cement).
<b>HARDENER</b>	
<b>POT LIFE</b>	1 hour (23°C) after mix with the cement.
<b>THINNER</b>	Water(until 5%).
<b>SOLVENT / CLEANER</b>	Water(until 5%)
<b>DRY TIME</b>	Mix with portland cement- Surface dry: approx. 2 hours (at 23°C (73°F) and 50% relative humidity). Overcoating: 4 hours at 23°C (73°F).
<b>THEORETICAL COVERAGE</b>	1,7 m2/Lt (70 Sq.ft/US gal) or 1Kg/m2 Dry: 0.9 mm ( 8 mils) • Wet: 1 mm (8mils) per coat.
<b>TYPICAL PAINT SYSTEM</b>	<ul style="list-style-type: none"> <li>• GlobalCryl GN450AW 1 x 0,1L (WFT)</li> <li>• GlobalCryl GN460WP 2 x 1 Kg (WFT).</li> <li>• GlobalCryl GN459WP 1 x 0,3 L (WFT).</li> </ul> <p>This is a suitable system for terrace waterproofing, by using fiberglass mesh to treat joints sections in the middle of the system. Please contact GlobalNavy for other applications.</p>
<b>STORAGE</b>	2 years (storage on the original tightly closed containers in a dry, cool, well ventilated space, at temperatures between 5°C - 40°C).
<b>PACKING</b>	One pack product available in 10 Kg.
<b>FURTHER INFORMATION</b>	For the safety of the applicator and the good performance, ventilation should be provided to all portions of the enclosed area.
<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

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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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