

# GlobalKyd GN310 Alkyd Paint



PERFORMANCE IN COATINGS

## TECHNICAL DATA SHEET

### Alkyd Paint High Solids

<b>PRODUCT DESCRIPTION</b>	◆ Globalnyl GN310AP is a one pack primer and finish paint, designed for DIY application in carbon steel substrates and general maintenance. ◆ Globalnyl GN310AP has an high gloss finish and durable and is also suitable for applications on DTM.	
<b>PERFORMANCES</b>	<ul style="list-style-type: none"><li>• Good corrosion resistance for C1 and C2 environments;</li><li>• Excellent weathering properties;</li><li>• Excellent flexibility;</li><li>• Good substrate adhesion;</li><li>• Good impact resistance.</li></ul>	
<b>RECOMMENDED USE</b>	STEEL: New and maintenance of containers, doors, metallic structures, ship accommodation, etc.	
<b>APPROVALS</b>	Complies with EU Directive 2010/42/EC: subcategory d (VOC < 300 g/l). Complies with ISSO 12944-5, as being suitable for coating systems until C4.	
<b>COMPONENT A</b>	<b>COMPONENT B</b>	<b>COLOURS</b>
GN310AP	NA	GN310APG9003 (white), GN310APG9005 (Black), GN310APR6005 (green RAL6005). For other colours, please contact GlobalNavy's office.

### Physical Properties

<b>GLOSS</b>	Glossy.
<b>SOLIDS BY VOLUME</b>	65 ± 2 %.
<b>VOC*</b>	< 300 grams/L.
<b>FLASH POINT</b>	> 23°C (> 73°F) Setaflash.
<b>PERFORMANCE</b>	

### Application

<b>SURFACE PREPARATION</b>	GlobalKyd GN310AP is suitable for surfaces primed or DTM prepared by dry grit blasting and mechanical, accordingly with the following standards: Grit Blasting: SA2 (ISO 8501-1:1988) Mechanical Means: St3 (ISO 8501-1:1988) The anti corrosive performance over an ST3 surface, followed by degreasing and surface cleaning with thinner is however not so good as the other surface preparation methods. Over coated surfaces, be sure of the old coating conditions (no coating defects and corrosion- in "sound conditions") and the compatibility with the GlobalKyd GN310AP. Coated Surface: For application over a primed or painting surface, evaluate and treat accordingly
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<b>ISSUED</b>	Edition 03 / Mod.10 - 21/05/2018
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with ISO8504. Clean, undamaged and dry compatible system.  
 Other Surfaces: Check the suitability of GN310AP, following its Technical Data Sheet.  
 Please contact GlobalNavy office in case of any doubt or for further information.

<b>APPLICATION METHOD</b>	<p>SPRAY:                  Conventional air spray: equipment- gun HVLP <math>\Phi</math>1,5-1,8mm and 0,7bar or High Transfer Gun <math>\Phi</math>1,5-1,8mm it is advisable to use a pressure vessel with 2-2,4 bar inlet pressure, adding the less possible thinner. Apply 2 - 3 coats, allowing 5 minutes (at 23° C) flash time between coats.                  Air-less: Use air-less spray equipment with a compressing 45:1 ratio. A 0,12 to 0,17 tip size, is recommended. Contact GlobalNavy for more information. CONVENTIONAL METHODS: Brush and roller are suitable for "stripe-coat" and small areas, care should be taken in order to achieve the dft specified. When applying on enclosed areas ensure a good ventilation.</p>
<b>APPLICATION CONDITIONS</b>	The substrate temperature should be minimum 15°C (60°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%. Assure a good ventilation with dry air in confined areas.
<b>APPLICATION DATA</b>	GlobalKyd GN310 Alkyd Paint is a single pack product. Stir very well until it get homogeneous. If necessary, for an application optimization adjustment, the product can be diluted until 5 % (v/v) with GN002TH.
<b>MIX RATIO</b>	NA
<b>HARDENER</b>	NA
<b>POT LIFE</b>	NA
<b>THINNER</b>	GN002TH
<b>SOLVENT / CLEANER</b>	GN077TH/GN002TH.
<b>DRY TIME</b>	Surface dry: 4 hours at 23°C (73°F) and 50% relative humidity. Overcoating: 24 hours at 23°C (73°F).
<b>THEORETICAL COVERAGE</b>	13 Sq.m/L (504 Sq.ft/US gal.) Dry: 50 microns DFT (2 mils) • Wet: 77 microns (3 mils)
<b>TYPICAL PAINT SYSTEM</b>	• GlobalKyd GN310AP 2 x 50µm (dft). This is a typical system for DTM conditions. Please contact GlobalNavy for other applications.
<b>STORAGE</b>	4 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 1 L, 5 L and 20L.
<b>FURTHER INFORMATION</b>	If exact colour matching is required, ensure that GN310AP in each area is applied from the same control batch numbers.
<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

## **GlobalKyd GN310 Alkyd Paint**



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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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