

Globalnyl GN508 Vinyl Sealant



TECHNICAL DATA SHEET



Vinyl Sealant Design for Antifouling System

PRODUCT DESCRIPTION	<ul style="list-style-type: none">◆ Globalnyl GN508VS is an excellent vinyl sealant. Can also be applied over concrete.◆ Globalnyl GN508VS is specially design to seal systems before antifouling application system.		
PERFORMANCES	<ul style="list-style-type: none">• Excellent sealant properties;• High flexibility;• Excellent adhesion to substrate and between coats;• Excellent edge retention.		
RECOMMENDED USE	PRIMER/INTERMEDIATE/FINISH OVER STEEL MARINE: Hulls and all surfaces on witch will be applied a system with an antifouling. PROTECTIVE: Surfaces on witch will be applied a system with an antifouling.		
APPROVALS	Complies with EU Directive 2010/42/EC: subcategory j (VOC< 500 g/l). Complies with ISO 12944-5, as being suitable for coating systems until C5-M and Im3.		
COMPONENT A	COMPONENT B	COLOURS	
GN508VS	-	GN508VSG9005 (Black), GN508VSG3009 (Red Iron Oxide).	

Physical Properties

GLOSS	Semi-gloss.
SOLIDS BY VOLUME	35 ± 2 %.
VOC*	>340 g/L.
FLASH POINT	> 15°C (> 59°F) Setaflash.
PHYSICAL PROPERTIES	Density: 1,2 g/cm ³

Application

SURFACE PREPARATION	All the surfaces have to be clean, dry and without contamination. The surface should be evaluated and treated accordingly with ISO8504. Coated Surface: Clean, undamaged and dry compatible primer. Contact GlobalNavy office for more information. Contact GlobalNavy office for further information.
APPLICATION METHOD	SPRAY: Use air less spray. Use an equipment with a compressing 60:1 ratio, an inlet 4,0 bar pressure, allowing a 200-280 bar outlet pressure. A 0,0017" or 0,0021" tip is recommended. Conventional spray equipment only on special application conditions- 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

Globalnyl GN508 Vinyl Sealant



	good ventilation.
APPLICATION CONDITIONS	The substrate temperature should be 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%. Assure a good ventilation with dry air in confined areas.
APPLICATION DATA	Globalnyl GN508 Vinyl Sealant, 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 GN015TH.
MIX RATIO	-
HARDENER	-
POT LIFE	-
THINNER	GlobalThin GN015TH.
SOLVENT / CLEANER	GN001TH/GN015TH
DRY TIME	Surface dry: 10 minutes at 23°C (73°F) Dry to recoat: Min: 6 hours at 23°C (73°F) Max: There is no over coating time.
THEORETICAL COVERAGE:	5,8 m2/Lt (236 Sq.ft/US gal) - Dry: 60 microns (2 mils) • Wet: 170 microns (7 mils)
TYPICAL PAINT SYSTEM	• GlobalDur GN101LC 2 x 200µm (DFT) • Globalnyl GN508VS 1 x 60µm (DFT) • Globalnyl GN521AF 1 x 150µm (DFT). This is a system for an ship hull on immersion 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	One pack product, available in 5 L and 20L.
FURTHER INFORMATION	The conventional air spray is only possible with a much higher dilution ratio, so it only should be used on special applications - 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.

Parque Industrial de Carrascas, Estrada Nacional 252, 2950-402 Palmela PORTUGAL
 ♦ Tel.:+351 265107979 ♦ www.globalnavy.net ♦ email: sales@globalnavy.net