

GlobalCryl GN400 Acrylic Varnish



TECHNICAL DATA SHEET

Acrylic Varnish and Barrier Glossy

PRODUCT DESCRIPTION	◆ GlobalCryl GN400AV is an excellent primer/finish developed with modified acrylic resins. ◆ GlobalCryl GN400AV is a multiproposal DTM and DIY acrylic varnish.	
PERFORMANCES	<ul style="list-style-type: none">• Fast drying;• Good weathering resistance;• Excellent UV resistance;• Excellent concrete protection against internal corrosion in structures.	
RECOMMENDED USE	Architectural coating systems (specially near from the sea or industrial environments), industry and marine applications.	
APPROVALS	Complies with EU Directive 2010/42/EC: subcategory h (VOC < 750 g/l). Complies with ISSO 12944-5, as being suitable for coating systems until C5-I.	
COMPONENT A	COMPONENT B	COLOURS
GN400AV	NA	GN410APG9003 (white). For other colours, like RAL colors, please contact GlobalNavy's office.

Physical Properties

GLOSS	Glossy.
SOLIDS BY VOLUME	25 ± 2%(Volume).
VOC*	< 700 grams / L.
FLASH POINT	> 25°C (> 77°F) Setaflash.
PERFORMANCE	

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	Can be applied by airless and conventional spray equipment, roller and brush.
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	GlobalCryl GN400 Acrylic Varnish is a single pack product. Stir well until it get homogeneous. Only necessary, for an application optimization adjustment, the product can be diluted until 5 % (v/v) with GN001TH.

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PERFORMANCE IN COATINGS

MIX RATIO	NA
HARDENER	NA
POT LIFE	NA
THINNER	GlobalThin GN001TH.
SOLVENT / CLEANER	GN001TH/GN077TH.
DRY TIME	Surface dry: 20 minutes hour at 23°C (73.4°F) and 50% relative humidity. Overcoating: 4 hours at 23°C (73°F).
THEORETICAL COVERAGE	10 Sq.m/Lt. (322 Sq.ft/US gal.) Dry: 25 microns (2 mils) • Wet: 100 microns (4 mils).
TYPICAL PAINT SYSTEM	• GlobalCryl GN400AV 2 x 25µm (DFT). This is a typical system for concrete varnish on non 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 - 40°C).
PACKING	Single pack product, available in 5 L and 20L.
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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