

GlobalCryl GN453 Acrylic Water based



PERFORMANCE IN COATINGS

TECHNICAL DATA SHEET

Acrylic Waterbased Multiproposal Paint

PRODUCT DESCRIPTION	<ul style="list-style-type: none"> ◆ GlobalCryl GN453AW is a waterbased multipurpose acrylic paint. ◆ GlobalCryl GN453AW is designed to be applied on masonry and concrete in order to have good hiding power, whiteness and soft touch, good vapour permeability enhancing friendly inside and outside house conditions. 	
PERFORMANCES	<ul style="list-style-type: none"> • Good adhesion over a suitable primer for concrete- GN450AW; • Matte finish; • Good whiteness and fair hiding power; • Excellent application properties. 	
RECOMMENDED USE	Interior and exterior concrete and plaster applications for a good durable aesthetic effect. <ul style="list-style-type: none"> • Interior and exterior walls and ceils. 	
APPROVALS	Complies with EU Directive 2010/42/EC: Subcategory a) (VOC < 30 g/l) (product ready to use).	
COMPONENT A	COMPONENT B	COLOURS
GN453AW	-	GN453AWG9003 (White), GN453AWG9005 (Black). For other colours standards, like NCS, please contact GlobalNavy's office.

Physical Properties

GLOSS	Matte.
SOLIDS BY VOLUME	42 ± 2 %.
VOC*	< 21g/L.
FLASH POINT	> 51°C (> 122 °F) Setflash.
PERFORMANCE	

Application

SURFACE PREPARATION	All the surfaces have to be clean, dry and without contamination. In case of new and refurbishment it is advise to apply first the primer GN450AW. Contact GlobalNavy office for further information.
APPLICATION METHOD	CONVENTIONAL METHODS: Brush and roller are suitable for ceils and walls, care should be taken in order to achieve the dft specified.
APPLICATION CONDITIONS	The substrate temperature should be 10-50°C (50-122°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 for a suitable drying.
APPLICATION DATA	GlobalGlobalCryl GN453AW Acrylic Water based should be mixed during 3 minutes. If necessary, for an application optimization adjustment, the product can be diluted until 5 % (v/v) with water.

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MIX RATIO	NA
HARDENER	-
POT LIFE	NA
THINNER	Water (until 5% by volume).
SOLVENT / CLEANER	Water
DRY TIME	Surface dry: approx. 1 hours (at 23°C (73°F) and 50% relative humidity). Overcoating: 4 hours at 23°C (73°F).
THEORETICAL COVERAGE	10 m ² /L (407 Sq.ft/US gal) Dry: 42 µm (2 mils) • Wet: 100 µm (8 mils).
TYPICAL PAINT SYSTEM	<ul style="list-style-type: none"> • GlobalCryl GN450AW 1 x 100µm (WFT) • GlobalCryl GN453AW 2 x 250µm (WFT). Please contact GlobalNavy for other applications.
STORAGE	2 years (storage on the original tightly closed containers in a dry, cool, well ventilated space, at temperatures between 5°C - 40°C).
PACKING	One pack product available in 5 L and 15L.
FURTHER INFORMATION	For the safety of the applicator and the good performance, ventilation should be provided to all portions of the enclosed area.
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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