

GlobalCryl GN455 Acrylic Water based Membrane



TECHNICAL DATA SHEET

Acrylic Water Based Membrane Paint

PRODUCT DESCRIPTION	◆ GlobalCryl GN455AW is a waterbased membrane acrylic paint. ◆ GlobalCryl GN455AW is designed to be applied on masonry and concrete in order to be waterproofing but with good vapour permeability enhancing friendly inside house conditions.	
PERFORMANCES	• Good adhesion over a suitable primer for concrete- GN450AW; • Good gloss retention; • Excellent application properties; • Excellent water resistance. • APEO, formaldehyde and heavy metals free.	
RECOMMENDED USE	Exterior concrete and plaster applications for a good durable aesthetic effect. • Membrane waterproofing for walls and water vapour permeable on masonry and concrete.	
APPROVALS	Complies with EU Directive 2010/42/EC: subcategory A/c (VOC < 40 g/l).	
COMPONENT A	COMPONENT B	COLOURS
GN455AW	-	GN455AWG9003 (White), GN455AWG9005 (Black). For other colours standards, like NCS, please contact GlobalNavy's office.

Physical Properties

GLOSS	Satin.
SOLIDS BY VOLUME	45 ± 2 %.
VOC*	< 30g/L.
FLASH POINT	> 200°C (> 392 °F) Setaflash.
PHYSICAL PROPERTIES	Density: 1,3 g/cm³ Scrub resistance: 10000 scrub cycles (DIN53778)

Application

SURFACE PREPARATION	All the surfaces have to be clean, dry and without contamination. The surface should be evaluated and treated accordingly with NACE N°7. Contact GlobalNavy office for further information.
APPLICATION METHOD	SPRAY: Use equipment with a 100-140 bar outlet pressure. A 0,015" - 0,019" tip is recommended. CONVENTIONAL METHODS: Brush and roller are suitable for "stripe-coat", ceilings and walls and small areas, care should be taken in order to achieve the dft specified.
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%.
APPLICATION DATA	GlobalGlobalCryl GN455AW Acrylic Water based should be mixed during 3 minutes. If necessary, for na 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.
SOLVENT / CLEANER	Water
DRY TIME	Surface dry: approx. 2 hours (at 23°C (73°F) and 50% relative humidity). Overcoating: 4 hours at 23°C (73°F).
THEORETICAL COVERAGE:	3,0 m2/Lt (122 Sq.ft/US gal) Dry: 150 µm (6 mils) • Wet: 330 µm (13mils).
TYPICAL PAINT SYSTEM	• GlobalCryl GN450AW 1 x 100µm (WFT) • GlobalCryl GN455AW 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 - 30°C).
PACKING	One pack product available in 5 L and 15 L.
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.

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