

GlobalDur GN124 Wash Primer



PERFORMANCE IN COATINGS

TECHNICAL DATA SHEET

Epoxy Anticorrosive Shop Primer

PRODUCT DESCRIPTION	◆ GlobalDur GN124WP can be applied on steel and other metal surfaces like: galvanized steel, aluminium, copper-nickel, bronze, cast iron and stainless steel.	
PERFORMANCES	<ul style="list-style-type: none">• Excellent adhesion;• Fast drying;• Easy application.	
RECOMMENDED USE	Primer for high performance coating system on metallic structures of galvanized steel, aluminium and metal alloys.	
APPROVALS	Complies with ISO 12944-5, as being suitable for coating systems until C5-M.	
COMPONENT A	COMPONENT B	COLOURS
GN124WP	H124WP	GN124WPG3009 (Red Iron Oxide).

Physical Properties

GLOSS	Matte.
SOLIDS BY VOLUME	45 ± 2 %.
VOC*	< 500 grams/L (ASTM D2369-09)
FLASH POINT	> 4°C (39°F) Setaflash.
PERFORMANCE	Density: 1,2 g/cm ³

Application

SURFACE PREPARATION	Steel: GlobalDur GN124WP is suitable for steel surfaces prepared by grit blasting, accordingly with the following standards: Grit Blasting: SA2.5 (ISO 8501-1:1988). Abrasives of good quality should be use in order to assure the lowest surface contamination. Other metallic surfaces: Clean with solvent the regions contaminated with oil grease and fat, clean with manual brush to remove zinc oxide and other impurities, clean the surface with fresh water and dry it prior to application.
APPLICATION METHOD	GlobalDur GN124WP can be applied by airless spray and brush.
APPLICATION CONDITIONS	It is very important for the safety of the applicator and the proper performance of GlobalDur GN124WP, that good ventilation be provided to all portions of the enclosed area.
APPLICATION DATA	GlobalDur GN124 Wash Primer is a two pack product. Stir base first to obtain smooth homogenous condition not longer than 2 minutes. After obtaining a uniform base, add the curing agent slowly to the base under continuous stirring for 3 minutes. Allowed another 1 or 2 minutes induction time before application. Dilution can be done, using max. 5% of thinner GN046Th.

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MIX RATIO	4,4 / 1 (by weight) and 4 / 1 (by volume)
HARDENER	H124WP
POT LIFE	4 hours at 23°C (73°F).
THINNER	GN003TH epoxy thinner
SOLVENT / CLEANER	GN003TH epoxy thinner
DRY TIME	Surface : 15 minutes (at 23°C (73°F) and 50% relative humidity). OVERCOATING: 6 hours at 23°C (73°F)
THEORETICAL COVERAGE	10 Sq.m/Lt. (408 Sq.ft/US gal.) Dft: 45 microns (2 mils) • Wet: 100 microns (4 mils).
TYPICAL PAINT SYSTEM	• GlobalDur GN124WP 1 x 45µm (DFT) • GlobalDur GN101EK/EP 1 x 100µm (DFT) • GlobalThane GN206PF 1 x 50µm (DFT) . This is a system for non immersion conditions in water. Please contact Globalnavy agent 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	Two pack product, available in packs (A+B) of 1L, 5 L and 20 L.
FURTHER INFORMATION	Substrate temperature is the important factor Min: 5C (41°F) and Max: 35°C (95°F). Relative humidity should not be higher than 85%. For more information's, pelase contact Globalnavy's 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.

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