

GlobalDur GN114 Epoxy Zinc



PERFORMANCE IN COATINGS

TECHNICAL DATA SHEET

Epoxy Zinc Primer

PRODUCT DESCRIPTION	◆ GlobalDur GN114EZ is an epoxy/polyamide primer based product.	
PERFORMANCES	<ul style="list-style-type: none">• Good flexibility;• Excellent anticorrosive protection;• Good application properties.	
RECOMMENDED USE	Metallic structures, Storage tanks (exterior), Transportation industry and Steel pipelines.	
APPROVALS	<ul style="list-style-type: none">◆ Complies with ISO 12944-5, as being suitable for coating systems until C5-M and Im1.◆ Complies with SSPC zinc content level 3.	
COMPONENT A	COMPONENT B	COLOURS
GN114EZ	H006A	GN114EZG7000 (grey).

Physical Properties

GLOSS	Matte.
SOLIDS BY VOLUME	55 % ± 2 %..
VOC*	> 340 grams/Lt.
FLASH POINT	> 34°C (> 93°F) Setaflash.
PERFORMANCE	

Application

SURFACE PREPARATION	Application directly to steel surfaces pre-treated by Blast cleaning to Sa 2,5 (ISO 8501-1:1988). Surfaces must be free of grease, dry spray, dust, moisture and other foreign matters. For more detail's contact GlobalNavy's office.
APPLICATION METHOD	Can be applied by airless or conventional spraying. For roller application, use a short nap, new roller
APPLICATION CONDITIONS	Applications over wet surfaces or under humid conditions are not recommended. Make sure that all areas are well ventilated and relative humidity is bellow 85%. The substrate temperature shall be 0°-+50°C. The ambient temperature shall be >0°C and substrate temperature should be minimum 10°C (32°F) and at least 4°C (7°F) above the dew point of the air, measured in the vicinity of the surface. It is very important for the safety of the applicator and the proper performance of the product.
APPLICATION DATA	GlobalDur Gn114 Epoxy Zinc, 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. Thinning is not normally required or desired, and excessive thinning can adversely affect

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application and appearance properties. The use of a speed adjustable power mixer is recommended. Do not over agitate as this, will accelerate cure and lower life of product. Higher temperatures will reduce pot life of the mixture. Lower temperatures will increase it.

MIX RATIO	9.5 / 1 by weight and 3.7 / 1 by volume
HARDENER	H006A
POT LIFE	8 hours at 23°C (73°F).
THINNER	GN003TH epoxy thinner
SOLVENT / CLEANER	GN003TH epoxy thinner
DRY TIME	Surface dry: 30 minutes (at 23°C (73°F) and 50% relative humidity.
THEORETICAL COVERAGE	10.6 Sq.m/Lt. (432 Sq.ft/US gal.) Dft: 50 microns and Wet: 94 microns (4 mils).
TYPICAL PAINT SYSTEM	• GlobalDur GN114EZ 1 x 75µm (DFT) • GlobalThane GN106EP 1 x 75µm (DFT). This is a typical system for 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	Two pack product, available in packs (A+B) of 4 L and 20 L.
FURTHER INFORMATION	Care should be taken that proper and uniform film thickness is obtained.
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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