

Marine Paint Manual

Reference No. 16 - 13

Issue Date: January 2019 (ES)

NEOGUARD SPIKE

An antislip deck coating containing special epoxy resin and hard aggregate - alumina. It is designed in full consideration of safety operation. It provides good antislip properties and excellent resistance to water / seawater / impact and abrasion. It is suitable for the areas such as exposed weather decks, passages, car decks, helicopter decks, ramp ways where walking / running stability is required. Two aggregate types (coarse / fine) are available according with the areas to be coated.

Suitable Use	For slippery areas requiring antislip properties			
Type	Epoxy (High build / Abrasion resistant / Antislip / Two-pack)			
Color	060 Gray L, 505 Green L, 442 Green L (Coarse) 060 Gray S, 505 Green S, 442 Green S (Fine)			
Gloss	Flat			
Volume Solids	78 ± 2% (ISO3233:1998)			
Typical Dry Film Thickness	600 µm			
Approx. Wet Film Thickness	769 µm			
Theoretical Coverage	1.30 m ² /L (600 µm)			
Drying Time	Surface Dry	5 hours (5°C)	2 hours (20°C)	1 1/2 hours (30°C)
	Dry Hard	24 hours (5°C)	12 hours (20°C)	10 hours (30°C)
	Full cure	14 days (5°C)	7 days (20°C)	5 days (30°C)
Interval before Overcoating (by self)	Min.	18 hours (5°C)	10 hours (20°C)	8 hours (30°C)
	Max.	— (5°C)	— (20°C)	— (30°C)
Thinner	Dilution Not Allowed. For cleaning, use NIPPON MARINE THINNER 600			
Application Method	Special spray equipment, Trowel, Roller			
Mixing Ratio by Volume	BASE 80 / HARDENER 20			
Pot Life after Mixing	9 hours (5°C) 4 hours (20°C) 2 hours (30°C)			
Typical Package	12.5 L (BASE 10.0 L, HARDENER 2.5 L) Package may vary from country to country.			
Japan Local Brand	NEOGUARD SPIKE			
Flash Point	BASE 26°C, HARDENER 27°C (ISO3679:2015)			
Surface Preparation	All surfaces to be coated should be clean, dry and free from contamination. High pressure fresh water wash and remove all oil / grease, soluble contaminants and other foreign matters.			

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Safety

Take precautions to avoid skin and eye contact (i.e. gloves, goggles, face masks, barrier creams etc.)

Proper ventilation and protective measures must be provided during applications and drying period to keep solvent vapour concentrations within safe limits.

Prior to use, obtain, consult and follow the SDS for this product concerning health and safety information.

<Note>

- 1) The information contained in this sheet is liable to modification from time to time in the light of experience and our policy of continuous product development.
- 2) Aggregate content may be floating on fluid surface of base. Prior to application, stir thoroughly after combining hardener and base.
- 3) This product requires sufficient surface roughness to provide the proven non-slip effect. When spraying the product, we recommend to estimate the required paint volume without loss factor.
- 4) Store the paints in paint store.