

High-hardness anti-abrasion non-slip coating

Neoguard Spike

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A high-built, two-pack, anti-abrasion epoxy based antislip deck coating designed in full consideration of safety work during cargo loading and operation.

It has excellent resistance to water / seawater / chemical and exposure.

NEOGUARD SPIKE provides long-term antislip effect combined with alumina.

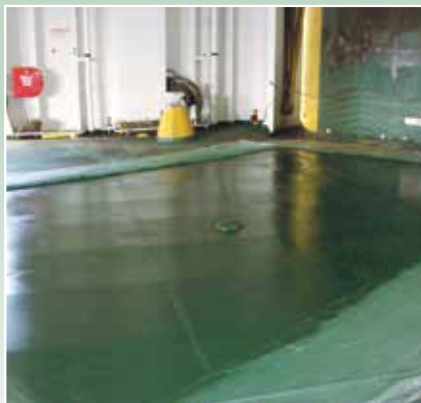
It is suitable for the areas such as exposed weather decks, passages, car decks, helicopter decks, ramp ways where walking / running stability is required.

Adamant aluminium oxide (alumina)



- Excellent non-slip effect
- Maintenance of non-slip effect

Good applicability



- Applicable to large area with mortar spray equipment
- Applicable to small area with trowel or roller

Anti-abrasion epoxy coating



- Excellent impact resistance, anti-abrasion and corrosion protection
- Excellent resistance to oil, chemicals and water

NEOGUARD SPIKE L (Coarse)

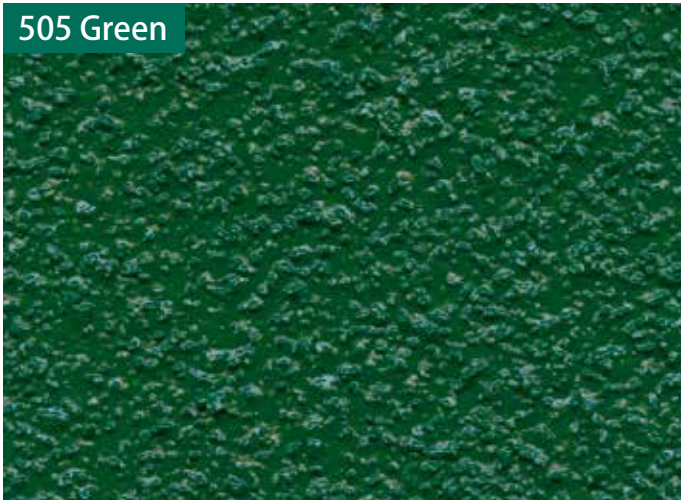
442 Green



060 Gray



505 Green



NEOGUARD SPIKE S (Fine)

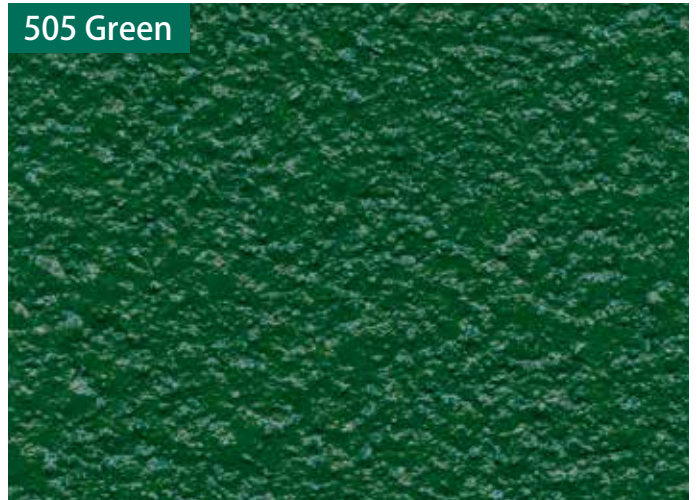
442 Green



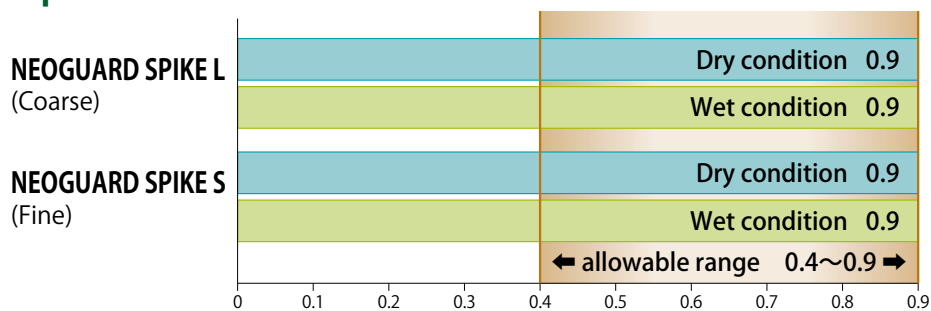
060 Gray



505 Green



Slip resistant test



Test method : JIS A 1454:2010 Resilient floorcoverings 17 slip resistant test
 Allowable range : Recommended value by Architectural Institute of Japan



Product information

	NEOGUARD SPIKE L (Coarse)	NEOGUARD SPIKE S (Fine)
Suitable use	Car decks, Ramp way, Helicopter decks etc.	Weather decks, Passages, Floor, Stairsteps
Colour	Green, Gray	
Volume solid	78±2%	
Typical DFT	DFT 600µm (WFT 769µm)	
Suitable primer	NIPPON E-MARINE A/C, NEOGUARD 100	
Application apparatus	Mortar spray equipment, Loop roller, trowel	

Standard specification for NB

Process	Product	Thickness (µm)		Overcoating interval (20°C)	
		Spray	Roller/Trowel	Min.	Max.
Primary surface preparation	Blast-cleaned to ISO-Sa 2 1/2				
Shop primer	NIPPON CERAMO	15	-	-	-
Secondary surface preparation	Rusted Area : Blast-cleaned to ISO-Sa 2 1/2 or power-tool-cleaned to ISO-St 3				
	Damaged Area by S/P : Blast-cleaned to ISO-Sa 2 1/2 or power-tool-cleaned to ISO-St 3				
	Intact Part : Sweep-blast-cleaned or power-tool-cleaned to ISO-St 2				
Primer	NIPPON E-MARINE A/C	200	100	16 hours	-
Finish	NEOGUARD SPIKE	600	600	10 hours	-
Total		800	700		

Standard specification for M&R

Process	Product	Thickness (µm)		Overcoating interval (20°C)	
		Spray	Roller/Trowel	Min.	Max.
Surface preparation	Partial repair : Blast-cleaned to ISO-Sa 2 or power-tool-cleaned to ISO-St 2				
	Full repair : Blast-cleaned to ISO-Sa 2 or power-tool-cleaned to ISO-St 2				
Primer	NEOGUARD 100	200	100	12 hours	-
Finish	NEOGUARD SPIKE	600	600	10 hours	-
Total		800	700		

Drying time

	Temp.	NEOGUARD SPIKE L (Coarse)	NEOGUARD SPIKE S (Fine)
Passable	5°C	24 hours	24 hours
	20°C	12 hours	12 hours
Car loading	5°C	7 days	7 days
	20°C	3 days	3 days