



Product Data

HEMPEL'S NON-SLIP DECK COATING 56251

Description: HEMPEL'S NON-SLIP DECK COATING 56251 is a quick-drying acrylic paint, containing an anti-slip aggregate. Physically drying. It has a good brush-ability and is resistant to sunlight, salt water and spillage of mineral oil.

Recommended use: As an intermediate and finishing coat in anti-slip systems on interior and exterior surfaces above water-line. Suitable on steel and wood.

Availability: Part of European Yacht Assortment. Local Availability subject to confirmation.

PHYSICAL CONSTANTS:

Colours/Shade: White 10000*
Finish: Semi-Gloss
Volume solids, %: 46+/-1
Theoretical spreading rate: 9.2 m²/litre – 50 microns
369 sq.ft/US gallon – 1.2 mils
Flash Point: 26°C/78.8°F
Specific gravity: 1.3 Kg/litre – 10.9 lbs/US gallon
Dry to touch: 1-2 hours at 20°C/68°F
2-4 hours at 10°C/50°F
V.O.C: 470 g/liter – 3.9 lbs/US gallon
*Other shades according to assortment list

The physical constants stated are nominal data according to the HEMPEL Group's approved formulas. They are subject to normal manufacturing tolerances and where stated, being standard deviation according to ISO 3534-1.

APPLICATION DETAILS:

Application method:	Airless spray	Air spray	Brush/Roller/Paint Pad
Thinner (max. Vol):	08081 (Max.5%)	08081 (10-15%)	08081 (Max.5%)
Nozzle orifice:	0.027'' – 0.030''		
Nozzle pressure:	150 bar / 2200 psi <i>(Airless spray data are indicative and subject to adjustment)</i>		
Cleaning of tools:	HEMPEL'S THINNER 08081		
Indicated film thickness, dry:	50 microns / 2.0 mils		
Indicated film thickness, wet:	100 microns / 4.0 mils		
Recoat interval, min:	3 hours (20°C/68°F) (over Deck Coating See REMARKS overleaf) 6 hours (10°C/50°F) (over Deck Coating See REMARKS overleaf) 2 hours (20°C/68°F) (over Primer Undercoat See REMARKS overleaf) 4 hours (10°C/50°F) (over Primer Undercoat See REMARKS overleaf)		
Recoat interval, max:	5 days (20°C/68°F) (over Deck Coating See REMARKS overleaf) 10 days (10°C/50°F) (over Deck Coating See REMARKS overleaf) 4 hours (20°C/68°F) (over Primer Undercoat See REMARKS overleaf) 8 hours (10°C/50°F) (over Primer Undercoat See REMARKS overleaf)		

Safety: Handle with care. Before and during use, observe all safety labels on packaging and paint containers, consult HEMPEL Material Safety Data Sheets and follow all local or national safety regulations. Avoid inhalation, avoid contact with skin and eyes, and do not swallow. Take precautions against possible risks of fire or explosions as well as protection of the environment. Apply only in well ventilated areas.



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SURFACE PREPARATION	<p>New wood: Remove all contaminants with HEMPEL's PRE-CLEAN 67602 followed by fresh water rinsing. Allow the wood to dry, sand the surface, and remove dust completely. Saturate the surface with HEMPEL'S WOOD IMPREG 02360 or suitable wood preservative. Apply ± one coat of HEMPEL'S PRIMER UNDERCOAT 13201 diluted 5-10% with HEMPEL'S THINNER 08111. Apply 2-3 coats of HEMPEL'S NON-SLIP DECK COATING 56251 thinned max. 5% with HEMPEL'S THINNER 08081.</p> <p>Previously painted wood: Remove all contaminants with HEMPEL's PRE-CLEAN 67602 followed by fresh water rinsing. Grind the surface to a uniformly matt appearance or remove all the old paint on the substrate. Continue with new wood process.</p> <p>Steel: Remove all contaminants with HEMPEL's PRE-CLEAN 67602. Remove salt and other contaminants by (high pressure) fresh water cleaning. Remove all rust by abrasive blasting or power tool cleaning. Remove all dust and touch-up to full film thickness with HEMPEL'S PRIMER UNDERCOAT 13201 diluted 5-10% with HEMPEL'S THINNER 08111 or suitable primer. Apply 2-3 coats of HEMPEL'S NON-SLIP DECK COATING 56251 thinned max. 5% with HEMPEL'S THINNER 08081.</p> <p>Glass fibre: Remove all contaminants with HEMPEL's PRE-CLEAN 67602 followed by fresh water rinsing. Allow to dry. Remove all dust and touch-up to full film thickness with HEMPEL'S LIGHT PRIMER 45551 diluted 10-15% with HEMPEL'S THINNER 08451 or suitable primer. Abrade. Apply 2-3 coats of HEMPEL'S NON-SLIP DECK COATING 56251 thinned max. 5% with HEMPEL'S THINNER 08081.</p>
APPLICATION CONDITIONS:	<p>The surface must be completely clean and dry. Application should only take place in dry weather with temperatures above 5°C/41°F and not in direct sunlight. To avoid condensation the temperature of the surface must be above the dew point.</p> <p>In confined spaces provide adequate ventilation during application and drying.</p>
PRECEDING COAT:	HEMPEL'S PRIMER UNDERCOAT 13201, HEMPEL'S LIGHT PRIMER 45551, suitable wood preservative or according to specification.
SUBSEQUENT COAT:	None
REMARKS:	<p>Increased service temperatures will enhance the natural tendency to yellowing especially indoors. May be specified in another film thickness than indicated depending on purpose and area of use. Normal range is 40-50 micron / 1.6-2.0 mils.</p> <p>When applied by spray second coat must be applied wet in wet, or after 8h (20°C/68°F), 16 days (10°C/50°F) in order to assure proper film formation.</p> <p>Maximum recoat interval refers to exterior surfaces exposed to periodical immersion, splash, condensation or abrasion during service life of the coating system. On another areas no maximum recoat interval for adhesion. If maximum interval is exceeded, roughening of the surface is necessary to ensure intercoat adhesion.</p> <p>Before over coating after exposure in contaminated environment, clean the surface thoroughly by high pressure fresh water hosing or by hosing down with fresh water and scrubbing with a stiff brush and allow to dry.</p> <p>Recoat interval over HEMPEL'S PRIMER UNDERCOAT 13201 is minimum 2h and max 4h at 20°C. If maximum is exceeded, abrade is always necessary.</p> <p>Abrade always before over coating over old alkyd paints or alkyd primer.</p>
NOTE:	The information given in the Product Data Sheet is intended for commercial use.
ISSUED BY:	HEMPEL A/S – 5625110000CS001

This Product Data Sheet supersedes those previously issued.

For explanations, definitions and scope, see "Explanatory Notes" in the HEMPEL Book.

Data, specifications, directions and recommendations given in this data sheet represent only test results or experience obtained under controlled or specially defined circumstances. Their accuracy, completeness or appropriateness under the actual conditions of any intended use of the Products herein must be determined exclusively by the Buyer and/or User.

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Product data are subject to change without notice and become void five years from the date of issue.