



Product Data

HEMPEL'S DECK COATING 5112D

Description: HEMPEL'S DECK COATING 5112D is an alkyd based enamel which forms a weather resistant coating. It has a good brush-ability and is resistant to sunlight, salt water, spillage of mineral oil.

Recommended use: As an intermediate and finishing coat on deck areas above the waterline. Suitable on steel and wood. Add ANTI-SLIP PEARLS for a non-slip finish.

Availability: Subject to confirmation.

PHYSICAL CONSTANTS:

Colours/Shade nos:	White/10000*	Grey/19500*
Finish:	Semi-gloss	Semi-gloss
Volume solids, %:	49 ± 1	50 ± 1
Theoretical spreading rate:	12.3 m ² /litre - 40 micron 491 sq.ft./US gallon - 1.6 mils	12.5 m ² /litre - 40 micron 501 sq.ft./US gallon - 1.6 mils
Flash point:	38°/100°F	38°/100°F
Specific gravity:	1.3 kg/litre - 10.8 lbs/US gallon	1.1 kg/litre - 9.2 lbs/US gallon
Dry to touch:	4-5 hours at 20°C/68°F 8-10 hours at 10°C/50°F	4-5 hours at 20°C/68°F 8-10 hours at 10°C/50°F
V.O.C.:	415 g/litre - 3.4 lbs/US gallon	410 g/litre - 3.4 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.):	08230 (5%)	08230 (15%)	08230 (5%)
Nozzle orifice:	.018"-.021"		
Nozzle pressure:	150 bar/2175 psi <i>(Airless spray data are indicate and subject to adjustment)</i>		
Cleaning of tools:	HEMPEL'S THINNER 08230		
Indicated film thickness, dry:	40 micron/1.6 mils		
Indicated film thickness, wet:	100 micron/4 mils		
Recoat interval, min:	8 hours (20°C/68°F) 16 hours (10°C/50°F)		
Recoat interval, max:	5 days (20°C/68°F) <i>(See REMARKS overleaf)</i> 10 days (10°C/50°F) <i>(See REMARKS overleaf)</i>		

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.</p> <p>Allow the wood to dry, sand the surface, and remove dust completely. Saturate the surface with suitable wood preservative or similar compound. Apply one coat of HEMPEL'S DECK COATING 5112D thinned with 20% HEMPEL'S THINNER 08230. Apply a second coat of HEMPEL'S DECK COATING 5112D thinned 5-10% with HEMPEL'S THINNER 08230. Finally apply 2-3 coats of HEMPEL'S DECK COATING 5112D undiluted.</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. Saturate bare spots with suitable wood preservative or similar. Touch-up to full film thickness with HEMPEL'S DECK COATING 5112D as described for new wood.</p> <p>Steel: Remove oil and grease etc. 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 suitable primer.</p>
APPLICATION CONDITIONS:	<p>The surface must be completely clean and dry. Application should only take place at temperatures above 5°C/41°F, and the temperature of the surface should be above the dew point to avoid condensation. Avoid direct sunlight. The moisture content in wood should not exceed 16%. In confined spaces provide adequate ventilation during application and drying.</p>
PRECEDING COAT:	<p>None, HEMPEL'S PRIMER UNDERCOAT 13201 or according to specification.</p>
SUBSEQUENT COAT:	<p>None or according to specification.</p>
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 30-40 micron/1.2-1.6 mils.</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 other areas no maximum recoat interval for adhesion. If maximum recoat interval is exceeded, roughening of the surface is necessary to ensure intercoat adhesion.</p> <p>Before overcoating 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>
Note:	<p>The information given in the Product Data Sheet is intended for commercial use.</p>
ISSUED BY:	<p>HEMPEL A/S - 5112D10000CS001</p>

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.