

Description:	Hempalin Enamel 52144 is a glossy alkyd enamel topcoat. Flexible and resistant to salt water and mineral oil. Weather resistant with good colour retention.
Recommended use:	For use on wood and steel. For interior and exterior use above the waterline. Also for use to protect windows, doors and fences and as a finishing coat for wood and steel.
Availability:	Part of European Yacht assortment. Local availability subject to confirmation.

PHYSICAL CONSTANTS:

Shade nos/Colours:	10000/ White
Finish:	Glossy
Volume solids, %:	46
Theoretical spreading rate:	9.2 m ² /l [368.9 sq.ft./US gallon] 50 micron/2 mils
Flash point:	38 °C [100.4 °F]
Specific gravity:	1.078 kg/litre [9 lbs/US gallon]
Dry to touch:	3 hour(s) 20°C 6 hour(s) 10°C
Dry to sand:	24 hour(s) 20°C 48 hour(s) 10°C
VOC content:	425 g/l [3.5 lbs/US gallon]
Shelf life:	5 years (from date on lid)

The physical constants stated are nominal data according to the HEMPEL Group's approved formulas.

APPLICATION DETAILS:

Application method:	Brush/Roller/Paint pad/Spray
Thinner (max.vol.):	HEMPEL'S THINNER 811 (No 1) 08111 (Brush/Roller/Paint pad): max 5% HEMPEL'S THINNER 808 (No 3) 08081 (Spray): max 10-15%
Nozzle orifice:	0.018 - 0.021 "
Cleaning of tools:	HEMPEL'S THINNER 811 (No 1) 08111 or HEMPEL'S THINNER 808 (No 3) 08081
Indicated film thickness, dry:	30 micron [1.2 mils]
Indicated film thickness, wet:	75 micron [3 mils]
Overcoat interval, min:	8 hour(s) 20°C ; 16 hour(s) 10°C
Overcoat interval, max:	5 day(s) 20°C ; 9 day(s) 10°C

Safety:	Handle with care. Before and during use, observe all safety labels on packaging and paint containers, consult HEMPEL Safety Data Sheets and follow all local or national safety regulations.
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SURFACE PREPARATION:	<p>Preparation: Ensure all surfaces are clean, oil free and dry. Clean the surface and remove possible oil and grease with a suitable detergent and sand with dry abrasive paper. Carefully remove dust with fresh water. It is recommended to apply a suitable wood treatment to new wood before coating.</p> <p>Previously painted surfaces: Abrade, clean and dry the surface.</p> <p>Priming: Prime with specified HEMPEL'S PRIMER.</p> <p>Uncoated surface: Sand and remove all dust.</p> <p>New wood: Sand and remove all dust. Saturate the dry, clean surface with a suitable wood treatment, allow to dry.</p> <p>Steel: Remove salt and other contaminants by (high pressure) fresh water cleaning. Remove all rust and loose material by abrasive blasting or power tool cleaning. Dust off residues.</p>
PRODUCT APPLICATION:	<p>Method: Apply 2-3 coats of the product. Add thinner to assist application if necessary: max. 5%. To obtain a smooth surface, sanding between coats is recommended (remove dust).</p>
APPLICATION CONDITIONS :	<p>The surface must be completely clean and dry at the time of application and its temperature must be above the dew point to avoid condensation. The moisture content in the wood should not exceed: 16%. Do not apply in direct sunlight. In confined spaces provide adequate ventilation during application and drying.</p>
PRECEDING COAT:	<p>HEMPEL'S WOOD IMPREG 02362 (for new wood), HEMPEL'S PRIMER UNDERCOAT 13201, HEMPEL'S SELECTA UNI PRIMER 155HR, HEMPEL'S MEDUPREMAZ BS 424E0</p>
SUBSEQUENT COAT:	<p>None</p>
REMARKS:	
Colours/Colour stability:	<p>Increased service temperatures will enhance the natural tendency to yellowing especially indoors.</p>
Stirring:	<p>Stir product well before use.</p>
Film thicknesses/thinning:	<p>May be specified in another film thickness than indicated depending on purpose and area of use.. This will alter spreading rate and may influence drying time and overcoat interval. Keep thinning to a minimum to ensure that correct film thickness is obtained. The amount of thinner depends on the application conditions: temperature, ventilation and substrate.</p>
Storage Conditions:	<p>Exposure to air and temperature variances should be avoided. Avoid direct sunlight. Keep containers tightly sealed. Store at temperatures: 5°C/41°F - 35°C/95°F.</p>
Overcoating:	<p>If the maximum overcoating interval is exceeded, clean with fresh water and allow to dry. Light abrade and remove all dust prior to repainting.</p> <p>If surface has been contaminated by oils and pollutants, thoroughly remove with suitable detergent, rinse with fresh water and allow to dry. Light abrade and remove all dust prior to repainting.</p>
Note:	<p>Hempalin Enamel 52144</p>
ISSUED BY:	<p>HEMPEL A/S</p> <p>5214410000</p>

This Product Data Sheet supersedes those previously issued.

For explanations, definitions and scope, see "Explanatory Notes" available on www.hempel.com. 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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