



## HEMPEL'S YACHT POLY PRIMER 25050

25050: BASE 25059: CURING AGENT 95304

**Description:** HEMPEL'S YACHT POLYPRIMER 25050 is a two component PU primer. It is an excellent primer to obtain excellent finish together with HEMPEL'S OCEAN GLOSS 55500.

**Recommended use:** Specially designed as a protective primer and sealer coat on top of fibreglass-polyester surfaces and other materials. Use above the waterline. Easy to sand.

**Service temperature:** Maximum, dry exposure only: 120°C/248°F - 140°C/284°F

**Availability:** Part of European Yacht assortment. Local availability subject to confirmation.

### PHYSICAL CONSTANTS:

Shade nos/Colours: 10000/ White.  
Finish: Flat  
Volume solids, %: 51 ± 1  
Theoretical spreading rate: 10.2 m<sup>2</sup>/l [409 sq.ft./US gallon] - 50 micron/2 mils  
Flash point: 35 °C [95 °F]  
Specific gravity: 1.4 kg/litre [11.9 lbs/US gallon]  
Dry to touch: 1 - 2 hour(s) at 20°C/68°F  
3-4 hour(s) at 10°C/50°F  
Dry to handle: 12 hour(s) at 20°C/68°F  
24 hour(s) at 10°C/50°F  
Fully cured: 7 day(s) at 20°C/68°F  
VOC content: 427 g/l [3.5 lbs/US gallon]  
*The physical constants stated are nominal data according to the HEMPEL Group's approved formulas.*

### APPLICATION DETAILS:

**Version, mixed product:** **25050**

Mixing ratio: BASE 25059: CURING AGENT 95304  
8.5:1.5 by volume

Application method: Airless spray / Air spray / Brush/Roller/Paint pad  
Thinner (max.vol.): 08511 (5%) / 08511 (10-15%) / 08711 (5%)  
Pot life: 6 hour(s) at 20°C/68°F  
12 hour(s) at 10°C/50°F

Nozzle orifice: 0.018 - 0.021 "  
Nozzle pressure: 150 bar [2175 psi]  
(Airless spray data are indicative and subject to adjustment)

Cleaning of tools: HEMPEL'S THINNER 08711 or HEMPEL'S THINNER 08511

Indicated film thickness, dry: 50 micron [2 mils]  
Indicated film thickness, wet: 100 micron [4 mils]  
Recoat interval, min: According to specification.  
Recoat interval, max: According to specification.

**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.



## HEMPEL'S YACHT POLY PRIMER 25050

SURFACE PREPARATION:	<b>New steel:</b> Remove all contaminants with a suitable detergent. Remove oil and grease effectively. Allow the surface to dry. Abrasive blasting to Sa 2½ (ISO 8501-1:2007). <b>Minor areas:</b> Allow to dry and abrade the surface with abrasive paper of grade: 120-150. <b>Fibre glass:</b> Remove oil and grease with suitable detergent. Allow the surface to dry. Remove salt and other contaminants by (high pressure) fresh water cleaning. Allow to dry and abrade the surface with abrasive paper of grade: 180. Dust off residues.
APPLICATION CONDITIONS:	Apply only on a dry and clean surface with a temperature above the dew point to avoid condensation. Application should only take place in dry weather with temperatures above: 5°C/41°F. Do not apply in direct sunlight. Apply 1-2 coats of the product. Apply the first coat of the product diluted with: 5-10%. To get a smoother aspect it is recommended to sandpaper after each dried coat to remove dust. In confined spaces provide adequate ventilation during application and drying.
PRECEDING COAT	None.
SUBSEQUENT COAT:	According to specification. Recommended systems are: HEMPEL'S OCEAN GLOSS 55500
REMARKS:	
Application(s)	Mix only a quantity of paint which can be applied within the time limit of the pot life.
Film thicknesses/thinning:	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 recoating interval. Normal range dry is: 40-50 micron/1.6-2 mils.
Curing agent:	CURING AGENT 95304: is sensitive to moisture. Store in a dry place and keep the can tightly closed until use.
Recoating note:	When applied by spray second coat must be applied wet in wet or after: 6 hour(s) at 20°C/68°F, 12 hour(s) at 10°C/50°F. Before overcoating after exposure in contaminated environment clean 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.
Recoating intervals:	If the maximum recoated interval is exceeded it is necessary to roughen the surface with sandpaper and vacuum cleaning the dust.
Note:	<b>HEMPEL'S YACHT POLY PRIMER 25050</b>
ISSUED BY:	HEMPEL A/S

2505010000

This Product Data Sheet supersedes those previously issued.

For explanations, definitions and scope, see "Explanatory Notes" available on [www.hempel.com](http://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.

The Products are supplied and all technical assistance is given subject to HEMPEL's GENERAL CONDITIONS OF SALES, DELIVERY AND SERVICE, unless otherwise expressly agreed in writing. The Manufacturer and Seller disclaim, and Buyer and/or User waive all claims involving, any liability, including but not limited to negligence, except as expressed in said GENERAL CONDITIONS for all results, injury or direct or consequential losses or damages arising from the use of the Products as recommended above, on the overleaf or otherwise. Product data are subject to change without notice and become void five years from the date of issue.