

Description: HEMPEL'S MULTICOAT 51120 is a high opacity semi-gloss topcoat and primer. Durable with good resistance to sunlight, water and oil. Can be used as a complete coating system.

Recommended use: For use on glass fibre, wood and steel. For interior and exterior, use above the waterline.

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

PHYSICAL CONSTANTS:

Shade nos/Colours: 10000* / White.
Finish: Semi-gloss
Volume solids, %: 46 ± 1
Theoretical spreading rate: 11.5 m²/l [461.2 sq.ft./US gallon] - 40 micron/1.6 mils
Flash point: 38 °C [100.4 °F]
Specific gravity: 1.2 kg/litre [10.2 lbs/US gallon]
Dry to touch: 3 hour(s) 20°C/68°F
6 hour(s) 10°C/50°F
Dry to sand: 24 hour(s) 20°C/68°F
48 hour(s) 10°C/50°F
VOC content: 424 g/l [3.5 lbs/US gallon]
Shelf life: 5 years 25°C/77°F

**other shades according to assortment list.*

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 "
Nozzle pressure: 150 bar [2175 psi]
(Airless spray data are indicative and subject to adjustment)
Cleaning of tools: HEMPEL'S THINNER 811 (No 1) 08111 or HEMPEL'S THINNER 808 (No 3) 08081
Indicated film thickness, dry: 40 micron [1.6 mils]
Indicated film thickness, wet: 90 micron [3.6 mils]
Overcoat interval, min: 8 hour(s) 20°C/68°F
16 hour(s) 10°C/50°F
Overcoat interval, max: 3 day(s) 20°C/68°F
6 day(s) 10°C/50°F

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.

SURFACE PREPARATION:	<p>Preparation: Always 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 coated surface: Abrade, clean and dry the surface</p> <p>Priming: Prime with specified HEMPEL'S PRIMER.</p> <p>Uncoated surface: Glass fibre: Sand and remove all dust. New wood: Sand and remove all dust. Saturate the dry, clean surface with suitable wood treatment, allow to dry. 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: To use as a primer: Apply first coat of the product thinned with specified HEMPEL'S THINNER: max 10%.</p> <p>To use as a topcoat: 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 :	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.
RECOMMENDED DETERGENT :	HEMPEL'S PRE-CLEAN 67602
PRECEDING COAT:	HEMPEL'S WOOD IMPREG 02362 (for new wood) HEMPEL'S PRIMER UNDERCOAT 13201
SUBSEQUENT COAT:	None.
REMARKS:	
Colours/Colour stability:	Increased service temperatures will enhance the natural tendency to yellowing especially indoors.
Stirring:	Stir product well before use..
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 overcoating 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.
Storage Conditions:	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.
Overcoating:	If the maximum overcoating interval is exceeded, clean with fresh water and allow to dry. Light abrade and remove all dust prior to repainting. 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.
Note:	HEMPEL'S MULTICOAT 51120
ISSUED BY:	HEMPEL A/S 5112010000

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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