

Description:	HEMPEL'S PRIMER UNDERCOAT 13201 is a quick drying, high opacity primer and undercoat. Provides durability and surface stability in preparation for overcoating with single component topcoats.
Recommended use:	Suitable 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:	Flat
Volume solids, %:	48 ± 1
Theoretical spreading rate:	12 m ² /l [481.2 sq.ft./US gallon] - 40 micron/1.6 mils
Flash point:	40 °C [104 °F]
Specific gravity:	1.3 kg/litre [11 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:	408 g/l [3.4 lbs/US gallon]
Shelf life:	5 years
	<small>*other shades according to assortment list. The physical constants stated are nominal data according to the HEMPEL Group's approved formulas.</small>
APPLICATION DETAILS:	
Application method:	Brush/Paint pad/Roller/Spray
Thinner (max.vol.):	HEMPEL'S THINNER 811 (No 1) 08111 (Brush/Roller/Paint pad): max. 10%. HEMPEL'S THINNER 811 (No 1) 08111 (Spray): max. 10-15%
Nozzle orifice:	0.021 - 0.023 "
Nozzle pressure:	200 bar [2900 psi] (Airless spray data are indicative and subject to adjustment)
Cleaning of tools:	HEMPEL'S THINNER 811 (No 1) 08111
Indicated film thickness, dry:	40 micron [1.6 mils]
Indicated film thickness, wet:	75 micron [3 mils]
Overcoat interval, min:	4 hour(s) 20°C/68°F 8 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.

Product Data

HEMPEL'S PRIMER UNDERCOAT 13201



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.</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. Previously coated surface: Abrade, clean and dry the surface.</p>
PRODUCT APPLICATION:	<p>Method: Touch up bare spots to full film thickness. Previously coated surface: Apply two coats of the product. Wood: Apply first coat of the product thinned with specified HEMPEL'S THINNER: max. 10%. Finally apply 2 coats of the product. Glass fibre/Steel: Apply two 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). Overcoat with chosen topcoat.</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>
RECOMMENDED DETERGENT :	HEMPEL'S PRE-CLEAN 67602
PRECEDING COAT:	HEMPEL'S WOOD IMPREG 02362 (for new wood)
SUBSEQUENT COAT:	HEMPEL'S BRILLIANT GLOSS 53200, HEMPEL'S MULTICOAT 51120, HEMPEL'S NON-SLIP DECK COATING 56251 and HEMPEL'S BILGE & LOCKER PAINT 5112B
REMARKS:	
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:	<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:	HEMPEL'S PRIMER UNDERCOAT 13201
ISSUED BY:	HEMPEL A/S

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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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