

Description:	HEMPEL'S DURA-GLOSS VARNISH 02020 is a quick-drying, clear urethane alkyd varnish. Resistant to wear and abrasion within hours of application. Good resistance to seawater, sunlight and adverse weather conditions.
Recommended use:	For use on new wood as well as on previously varnished wood, interior and exterior, above the waterline.
Availability:	Part of European Yacht assortment. Local availability subject to confirmation.
PHYSICAL CONSTANTS:	
Shade nos/Colours:	00000/ Transparent
Finish:	High-gloss
Volume solids, %:	43 ± 1
Theoretical spreading rate:	17.2 m ² /l [689.7 sq.ft./US gallon] - 25 micron/1 mils
Flash point:	38 °C [100.4 °F]
Specific gravity:	0.9 kg/litre [7.6 lbs/US gallon]
VOC content:	434 g/l [3.6 lbs/US gallon]
	<i>The physical constants stated are nominal data according to the HEMPEL Group's approved formulas.</i>
APPLICATION DETAILS:	
Application method:	Brush / Paint pad / Spray
Thinner (max.vol.):	HEMPEL'S THINNER 08111
Cleaning of tools:	HEMPEL'S THINNER 08111
Indicated film thickness, dry:	25 micron [1 mils]
Indicated film thickness, wet:	50 micron [2 mils]
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 DURA-GLOSS VARNISH



SURFACE PREPARATION:	Preparation: Always ensure all surfaces are clean, oil free and dry. Clean with HEMPEL'S PRE-CLEAN 67602 or HEMPEL'S DEGREASER 99611. Sand and remove all dust.
PRODUCT APPLICATION:	New wood: Saturate the dry, clean surface with suitable wood treatment, allow to dry. Apply first coat of the product thinned with specified HEMPEL'S THINNER: max. 20%. Apply a second coat of the product thinned: max. 5-10%. Finally apply 3 coats of the product. Add thinner to assist application if necessary. To obtain a smooth surface, sanding between coats is recommended (remove dust). Previously varnished wood: Abrade, clean and dry the surface. Apply the product as for new wood. Teak: Degrease the surface thoroughly with a suitable degreaser. Continue as for new wood. Wood treatment may be necessary. Do not leave any detergent residue on the surface as this can cause drying and adhesion problems.
APPLICATION CONDITIONS :	The surface must be completely clean and dry. The surface temperature should be above: 5°C/41°F. Do not apply in strong sunshine, on hot surfaces or under humid conditions. The temperature of the surface should be above the dew point to avoid condensation. The moisture content in the wood should not exceed: 16%. In confined spaces provide adequate ventilation during application and drying. Varnishing should be finished 3-4 hours at 20°C/68°F, 6-8 hours at 10°C/ 50°F, at the latest before dewfall.
PRECEDING COAT:	HEMPEL'S WOOD IMPREG 02360 or according to specification.
SUBSEQUENT COAT:	None, or as per specification. Recommended systems are: HEMPEL'S DURA-SATIN VARNISH for the last coat if a silk-gloss/flat finish is desired.
REMARKS:	Note: Ammonia water may discolour oak, mahogany and teak.
Stirring:	Stir product well before use. When diluting stir carefully, do not shake the can as this will produce air bubbles in the varnish.
Film thicknesses/thinning:	The amount of thinner depends on the application conditions: temperature, ventilation and substrate.
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.
Overcoating note:	Maximum overcoat 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 overcoat interval for adhesion. If the maximum over coating interval is exceeded, roughening of the surface is necessary to ensure intercoat adhesion. Dry to sand: 12 hours, 20°C/68°F ; 24 hours, 10°C/50°F
Note:	HEMPEL'S DURA-GLOSS VARNISH The information given in the Product Data Sheet is intended for commercial use.
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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