



HEMPEL'S DURAGLOSS VARNISH 02020

Description:

HEMPEL'S DURA-GLOSS VARNISH 02020 is a quick-drying, clear urethane alkyd varnish. It has good resistance to seawater, sunlight and adverse weather conditions.

Recommended use:

On new wood as well as on previously varnished wood, interior and exterior, above the water line.

Availability:

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

PHYSICAL CONSTANTS:

Shade nos/Colours:

00000/ Transparent

Finish:

Glossy

Volume solids, %:

43 ± 1

Theoretical spreading rate:

17.2 m²/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]

Dry to touch:

2 - 3 approx. hour(s) 20°C/68°F or 4-6 hours at 10°C/50°F

VOC content:

434 g/l [3.6 lbs/US gallon]

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

APPLICATION DETAILS:

Application method:

Best results will be obtained with a flat varnish brush. Spray application is possible with most types of spray equipment after thinning, but this application method is mainly subject to specific local conditions, so no general guidelines can be given.

HEMPEL'S THINNER 08111 or HEMPEL'S THINNER 08231

see REMARKS below

HEMPEL'S THINNER 08111 or HEMPEL'S THINNER 08231

25 micron [1 mils]

50 micron [2 mils]

According to specification.

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.



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SURFACE PREPARATION:

New wood: Sanding (remove dust). Saturate the dry, clean surface with suitable wood preservative, allow to dry. Apply one coat of the product thinned with: 20% HEMPEL'S THINNER 08111 or HEMPEL'S THINNER 08231. Apply a second coat of the product thinned: 5-10%. Sanding (remove dust). 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).

Plywood: Sanding (remove dust). Seal off with HEMPADUR SEALER 05990 (avoid formation of a continuous layer on the surface). Continue as for other types of new wood.

Teak: Sanding (remove dust). Degrease the surface thoroughly with a suitable degreaser. Continue as for other types of new wood.

Previously varnished wood: Wash surface with suitable cleaning agent. Do not use detergents unless they are removed completely, as otherwise residues can spoil the drying properties and give adhesion problems. Proceed as for new wood. In some cases the antimould treatment and the first thinned coats can be omitted.

Note: Ammonia water may discolour oak, mahogany and teak.

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.

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:

Stirring:

When diluting stir carefully, do not shake the can as this will produce air bubbles in the varnish. If the maximum recoating interval is exceeded, roughening of the surface is necessary to ensure intercoat adhesion. The product is dry for sanding approx. 6 hours at 20°C/68°F, 12 hours at 10°C/50°F.

Note:

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The information given in the Product Data Sheet is intended for commercial use.

ISSUED BY:

HEMPPEL A/S

0202000000

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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HEMPPEL
Product Data Sheet