

BLAKES DURA-GLOSS VARNISH

02020

Description:	BLAKES DURA-GLOSS VARNISH 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:	Subject to confirmation.
PHYSICAL CONTANTS:	
Colours/Shade nos:	Transparent/00000
Finish:	Glossy
Volume solids, %:	46 ± 1
Theoretical spreading rate:	17.6 m ² /litre - 25 micron 690 sq.ft./US gallon - 1 mil
Flash point:	38°C/100°F
Specific gravity:	0.9 kg/litre - 7.5 lbs/US gallon
Dry to touch:	2-3 hours at 20°C/68°F 4-6 hours at 10°C/50°F
V.O.C.:	430 g/litre - 3.6 lbs/US gallon

The physical constants stated are nominal data according to BLAKES PAINTS approved formulas. They are subject to normal manufacturing tolerances and where stated, being standard deviation according to ISO 3534-1. Further reference is made to "Explanatory Notes" in the BLAKES PAINT MANUAL.

APPLICATION DETAILS:

Application method:	Best results will be obtained with a flat varnish brush or paint pad. 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.
Thinner (max. vol.):	BLAKES THINNER No 1 (See REMARKS overleaf)
Cleaning of tools:	BLAKES THINNER No 1
Indicated film thickness, dry:	25 micron/1 mil
Indicated film thickness, wet:	50 micron/2 mils
Recoat interval, min:	4 hours (20°C/68°F) 8 hours (10°C/50°F)
Recoat interval, max:	48 hours (20°C/68°F) (See REMARKS overleaf) 4 days (10°C/50°F) (See REMARKS overleaf)

Safety:	Handle with care. Before and during use, observe all safety labels on packaging and paint containers, consult BLAKES PAINTS Material Safety Data Sheets and follow all local or national safety regulations. Avoid inhalation, avoid contact with skin and eyes, and do not swallow. Take precautions against possible risks of fire or explosions as well as protection of the environment. Apply only in well ventilated areas.
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2. BLAKES DURA-GLOSS VARNISH

SURFACE PREPARATION:	<p>New wood (except plywood and teak): Sanding (remove dust). Saturate the dry surface with BLAKES WOODSEAL and/or apply one coat of BLAKES DURA-GLOSS VARNISH thinned with 20% THINNER 08230. Apply a second coat of BLAKES DURA-GLOSS VARNISH thinned 5-10%. Sanding (remove dust). Finally apply 3 coats of BLAKES DURA-GLOSS VARNISH undiluted. To obtain a smooth surface, sanding between coats is recommended (remove dust).</p> <p>Plywood: Sanding (remove dust). Seal off with BLAKES WOODSEAL (avoid formation of a continuous layer on the surface). Continue as for other types of new wood.</p> <p>Teak: Sanding (remove dust). Degrease the wooden surface thoroughly with BLAKES DEGREASER. Continue as for other types of new wood.</p> <p>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. Sand the surface with sandpaper grain size 220. Proceed as for new wood.</p> <p>Note: Ammonia water may discolour oak, mahogany and teak.</p>
APPLICATION CONDITIONS:	<p>The surface must be completely clean and dry and the temperature should preferably be above 5°C/41°F. Do not apply in strong sunlight, on hot surfaces, or under humid conditions. The temperature of the surface must 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°C, 6-8 hours at 10°C/50°F, at the latest before dwell.</p>
SUBSEQUENT COAT:	<p>None, or use BLAKES DURA-SATIN VARNISH for the last coat if a silk-gloss/flat finish is desired.</p>
REMARKS:	<p>Although the product may not appear to require stirring, it is always necessary to stir thoroughly with a bladed instrument. When diluting with BLAKES THINNER No 1, stir carefully, do not shake the can, as this will produce air bubbles in the varnish. If maximum recoat interval is exceeded, rub down surface to ensure adhesion.</p> <p>BLAKES DURA-GLOSS VARNISH is dry for sanding after approx. 6 hours at 20°C/68°F, approx. 12 hours at 10°C/50°F.</p>
Note:	<p>The information given in the Technical Data Sheet is intended for commercial use.</p>
ISSUED:	<p>May 2004 - 0202000000CS001 HEMPEL A/S</p>

This Product Data Sheet supersedes those previously issued. For definition and scope, see explanatory notes to applicable Product Data Sheets.

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Product data are subject to change without notice and become void five years from the date of issue.