

## BLAKES CLASSIC VARNISH

01150

**Description:** BLAKES CLASSIC VARNISH is an air-drying, clear alkyd varnish with tung oil. It has good resistance to seawater, sunlight and adverse weather conditions.

**Recommended use:** On new wood and previously varnished wood, interior and exterior, above the waterline.

**Availability:** Subject to confirmation.

### PHYSICAL CONSTANTS:

Colours/Shade nos: Transparent/00000  
Finish: High gloss  
Volume solids, %:  $57 \pm 1$   
Theoretical spreading rate: 19 m<sup>2</sup>/litre  
762 sq.ft./US gallon - 1.2 mils  
Flash point: 38°C/100°F  
Specific gravity: 0.9 kg/litre - 7.5 lbs/US gallon  
Dry to touch: 10 (app) hours at 20°C/68°F  
20 (app) hours at 10°C/50°F  
V.O.C.: 335 g/litre - 2.8 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 result 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 THINNERS No 1 (See REMARKS overleaf)  
Cleaning of tools: BLAKES THINNERS No 1  
Indicated film thickness, dry: 30 micron/1.2 mils  
Indicated film thickness, wet: 75 micron/3 mils  
Recoat interval, min: 8 hours (20°C/68°F)  
16 hours (10°C/50°F)  
Recoat interval, max: 2 days (20°C/68°F)  
4 days (10°C/50°F)

**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.

## 2. BLAKES CLASSIC VARNISH

SURFACE	<p><b>New wood (except plywood and teak):</b> Sand (remove dust). Saturate the dry surface with BLAKES WOODSEAL. Apply one coat of BLAKES CLASSIC VARNISH thinned up to 20% with BLAKES THINNERS No 1. Apply a second coat of BLAKES CLASSIC VARNISH thinned 5-10%. Sand (remove dust). Finally apply 3-5 coats of BLAKES CLASSIC VARNISH. Add thinners to assist application if necessary. To obtain a smooth surface, sanding between coats is recommended (remove dust).</p> <p><b>Plywood:</b> 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><b>Teak:</b> Sanding (remove dust). Degrease the surface thoroughly with BLAKES DEGREASER. Continue as for other types of new wood.</p> <p><b>Previously varnished wood:</b> 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. Abrade the surface with sandpaper grain size 220. Proceed as for new wood. In some cases, the treatment of the surface and the first thinned coats can be omitted.</p> <p><b>Note:</b> 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 4-6 hours at 20°C/68°F, 8-12 hours at 10°C/50°F, at the latest before dew fall.</p>
SUBSEQUENT COAT:	<p>None.</p>
REMARKS:	<p><b>Although the product may not appear to require stirring, it is always necessary to stir thoroughly with a bladed instrument.</b> When diluting with BLAKES THINNERS 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 CLASSIC VARNISH is dry for sanding after approx. 24 hours at 20°C/68°F, approx. 48 hours at 10°C/50°F.</p>
Note:	<p><b>The information given in the Technical Data Sheet is intended for commercial use.</b></p>
ISSUED:	<p>August 2004 - 0115000000CS001 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.***