

BLAKES WOODSEAL

25200

Description:	BLAKES WOODSEAL is a clear moisture cured, one component polyurethane sealer. It is a high penetrating, clear, rot inhibiting sealer which is the best start to a new varnish or paint system on bare wood. May also be used on other porous surfaces.
Recommended use:	As a sealer for wood prior to priming with one or two component, high performance paints or varnishes. Above the waterline and below the waterline, interior and exterior, on teak, plywood and similar types of hard wood.
Availability:	Subject to confirmation.
PHYSICAL CONSTANTS:	
Colours/Shade nos:	Transparent/00000
Finish:	Glossy
Volume solids, %:	34 ± 1
Theoretical spreading rate:	See REMARKS overleaf
Flash point:	35°C/95°F
Specific gravity:	1.0 kg/litre - 8.3 lbs/US gallon
Dry to touch:	5 (app) hours at 20°C/68°F (70% RH) 11 (app) hours at 10°C/50°F (70% RH)
Dry to sand:	8 (app) hours at 20°C/68°F (70% RH) 18 (app) hours at 10°C/50°F (70% RH)
Fully cured:	7 days at 20°C/68°F (70% RH) 14 days at 10°C/50°F (70% RH)
V.O.C.:	605 g/litre - 5.0 lbs/US gallon

The physical constants stated are nominal data according to the BLAKES Group's 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:	Brush
Thinner (max.vol.):	BLAKES THINNERS No 2 (20%)
Cleaning of tools:	BLAKES THINNERS No 2
Indicated film thickness, dry:	See REMARKS overleaf
Indicated film thickness, wet:	See REMARKS overleaf
Recoat interval, min:	8 hours (20°C/68°F) (70% RH) 18 hours (10°C/50°F) (70% RH)
Recoat interval, max:	16 hours (20°C/68°F) (See REMARKS overleaf) 36 hours (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 WOODSEAL

SURFACE PREPARATION: Sand (remove dust) and saturate the dry surface with BLAKES WOODSEAL.

APPLICATION CONDITIONS: The surface should be completely clean and dry. Do not apply in strong sunlight, on hot surfaces or at temperatures below 2°C/36°F. Relative humidity should be minimum 50% and maximum 85% to obtain good curing, and the temperature of the surface should be above the dew point to avoid condensation. Condensation within the first 24 hours after application (20°C/68°F), 54 hours (10°C/50°F), may impair the properties. The moisture content of the wood should not exceed 16%. In confined spaces provide adequate ventilation during application and drying.

SUBSEQUENT COAT: According to specification.

REMARKS: **Note:** BLAKES WOODSEAL reacts with humidity in the air which can render it unfit for use. Do not open can until immediately before use. Any surplus material remaining on the lid should be wiped off to minimise difficulty in re opening the tin. When diluting with BLAKES THINNERS No 2 stir carefully, do not shake the can as this will produce airbubbles in the varnish. If only part of BLAKES WOODSEAL is to be used, do not remove the lid, but make two holes in the bottom of the can. After use, close the holes tightly with tape. **The cans should be opened with care as there may be risk of overpressure.**
The amount of thinner depends on the application conditions: Spraying methods, temperatures, ventilation and substrate. As a basis for the amount of thinner, 15-20% by airless spraying is recommended. Larger amounts than 25 vol% may be relevant under extreme conditions. When applying by air spray, thin to 17-20 seconds/DIN4 (approx. 35 vol%). Use lowest possible air pressure and a small nozzle. The best finish by spray application is obtained by applying a mist coat before application of the rest of the specified dry film thickness. Thin with BLAKES THINNERS No 6 when applying by spray.
It is very important that the surface is absolutely clean before overcoating. In case of doubt and/or in case of long recoating intervals it is recommended to sand the old surface.

Note: The information given in the Technical Data Sheet is intended for commercial use.

ISSUED: APRIL 2004 - 2520000000CR002
BLAKES PAINTS

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

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. The Products are supplied and all technical assistance is given subject to BLAKES PAINTS GENERAL CONDITIONS OF SALES, DELIVERY AND SERVICE, unless otherwise expressly agreed in writing. The Manufacturer and Seller disclaim, and Buyer and/or User waive all claims involving, any liability, including but not limited to negligence, except as expressed in said GENERAL CONDITIONS for all results, injury or direct or consequential losses or damages arising from the use of the Products as recommended above, on the overleaf or otherwise.

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