

BLAKES SEATECH GLOSS VARNISH

09010

Description: BLAKES SEATECH GLOSS VARNISH is a waterbourne, polyurethane varnish, offering a durable high gloss clear finish with high resistance to saltwater and UV damage. Excellent for internal areas as there is no solvent odour during application. For use above the waterline.

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

Availability: Subject to confirmation.

PHYSICAL CONSTANTS:

Colour/Shade nos: Transparent/00000
Finish: Glossy
Volume solids, %: 35 ± 1
Theoretical spreading rate: $12 \text{ m}^2/\text{litre} - 30 \text{ micron}$
Flash point: $> 100^\circ\text{C}/212^\circ\text{F}$
Specific gravity: $1.0 \text{ kg}/\text{litre} - 8.3 \text{ lbs}/\text{US gallon}$
Dry to touch: $1\text{-}2 \text{ hours at } 20^\circ\text{C}/68^\circ\text{F}$
 $2\text{-}4 \text{ hours at } 10^\circ\text{C}/50^\circ\text{F}$
Fully cured: $7 \text{ days at } 20^\circ\text{C}/68^\circ\text{F}$
 $14 \text{ days at } 10^\circ\text{C}/50^\circ\text{F}$
V.O.C. (water reduced): $220 \text{ g}/\text{litre} - 1.9 \text{ lbs}/\text{US gallon}$
V.O.C.: $100 \text{ g}/\text{litre} - 0.8 \text{ lbs}/\text{US gallon}$

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: Airless spray Brush/roller
Thinner (max.vol.): Fresh water (5%) Fresh water (10%)
Nozzle orifice: .013"-.017"
Nozzle pressure: $130 \text{ bar}/1900 \text{ psi}$
(Airless spray data are indicative and subject to adjustment)
Cleaning of tools: Fresh water *(See REMARKS overleaf)*
Indicated film thickness, dry: $30 \text{ micron}/1.2 \text{ mils}$
Indicated film thickness, wet: $100 \text{ micron}/4 \text{ mils}$
Recoat interval, min: $2 \text{ hours } (20^\circ\text{C}/68^\circ\text{F})$
 $4 \text{ hours } (10^\circ\text{C}/50^\circ\text{F})$
Recoat interval, max: $6 \text{ hours } (20^\circ\text{C}/68^\circ\text{F})$ *(See REMARKS overleaf)*
 $12 \text{ hours } (10^\circ\text{C}/50^\circ\text{F})$ *(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.

2. BLAKES SEATECH GLOSS VARNISH

SURFACE PREPARATION:	New wood: Apply one coat of BLAKES SEATECH GLOSS VARNISH thinned 20% with fresh water. Apply a second coat of BLAKES SEATECH GLOSS VARNISH thinned 5-10%. Finally apply 3-5 coats of BLAKES SEATECH GLOSS VARNISH undiluted. To obtain a smooth finish, rub with dry or wet fine sandpaper and dust off between coats. Dry to sand after 2-3 hours at 20°C/68°F, 4-6 hours at 10°C/50°F. Previously varnished wood: Wash the surface with BLAKES SURFACE CLEANER. Remove any residues carefully as any remains of the cleaning agent can otherwise cause adhesion problems. Flatten the old surface with sandpaper (no. 220 - 180). Depending on the condition of the surface, apply 3-5 coats of BLAKES SEATECH GLOSS VARNISH undiluted.
APPLICATION CONDITIONS:	Use only where application and drying can proceed at temperatures above 5°C/41°F, preferably above 10°C/50°F. Apply only on a clean and dry surface having a temperature above the dew point to avoid condensation. Waterbased products such as SEATECH VARNISH can have a tendency to foaming when applied to edges or corners. This can result in over or under application of coating thickness. Providing attention is paid to these areas difficulties should not be encountered. During application cover for direct sunlight and wind to avoid brush marks. Relative humidity: During drying below 80%, preferably between 40-60%. Sufficient ventilation during application and drying is necessary. During drying it is of the utmost importance that all parts of the painted surfaces are sufficiently ventilated. Ventilation requirements to remove water vapours liberated during application and drying are approximately 75 m³/litre of the paint at 20°C/68°F. (Relative humidity of the air supply is 40%).
SUBSEQUENT COAT:	None.
REMARKS:	Clean tools carefully with fresh water or lukewarm soap water immediately after use. Dried remains of paint can be removed with BLAKES DEGREASER. If the maximum recoat interval is exceeded, rub down the surface to ensure adhesion. Store at temperatures between 5-40°C/41-104°F. Shelf life is reduced at temperatures above 30°C/86°F. Do not expose to frost during storage and transport or before the coating is dry.
Note:	The information given in the Technical Data Sheet is intended for commercial use.
ISSUED:	JUNE 2004 - 0901000000CR002 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.