

TECHNICAL DATA SHEET

PURPOSE

WOODSEAL

REVISION DATE: July 2024
(Supersedes all previous publications)



PRODUCT INFORMATION

PRODUCT DESCRIPTION

WOODSEAL is a superior quality wood preservative with good UV resistance and excellent penetration. Contains drying oils to nourish and protect wood.

PRODUCT USES

For use on external wooden surfaces. Also suitable for sealing hard wood species.

BENEFITS & FEATURES

- UV and weather resistant.
- Nourishes wood.
- Enhances the natural aesthetics of wood.

TECHNICAL INFORMATION

GENERIC TYPE	Alkyd oil						
FINISH	Low sheen						
VOLUME SOLIDS	30 ± 1%						
SPECIFIC GRAVITY	0.90kg/litre (typical)						
RECOMMENDED DFT	25 - 30 microns per coat. 2 - 3 coats required until the wood grain is completely sealed.						
RECOMMENDED WFT	40 - 60 microns per coat. 2 - 3 coats required.						
SPREAD RATE	<table border="1"> <tr> <th>New Work</th><th>Re-paint</th></tr> <tr> <td>10 – 12 m²/ℓ</td><td>6 – 8 m²/ℓ</td></tr> <tr> <td colspan="2">Open wood grain will reduce spread rate</td></tr> </table>	New Work	Re-paint	10 – 12 m ² /ℓ	6 – 8 m ² /ℓ	Open wood grain will reduce spread rate	
New Work	Re-paint						
10 – 12 m ² /ℓ	6 – 8 m ² /ℓ						
Open wood grain will reduce spread rate							
LEAD FREE	Yes						
FLASH POINT	38°C						
COLOURS	UV Clear, Mahogany and Teak						
PACK SIZE	500ml, 1ℓ, 5ℓ and 20ℓ						
STORAGE	Store away from direct sunlight, heat and severely cold or damp conditions. Ensure that containers are properly sealed before storage.						

APPLICATION DETAILS

PRIOR TO USE

Mix well using a flat paddle until homogeneous in consistency. When using eggshell, mix frequently during use to ensure an even finish.

APPLICATION METHOD

Brush, mohair roller or airless spray.

THINNING

Mineral turpentine

CLEANING OF EQUIPMENT

Mineral turpentine

DRYING TIME (@ 23°C & 50% RH)

Touch dry 4 hours

Over coating 16 hours

Note: higher temperatures will accelerate the drying times (approximately halved for every 10°C increase), whilst lower temperatures will retard the drying times (approximately doubled for every 10°C decrease).

APPLICATION CONDITIONS

	MIN	MAX
Surface Temp (°C)	10 °C	40°C
Ambient Temp (°C)	10 °C	40°C
Relative Humidity	10%	85%
<i>or 4°C minimum above dew point</i>		

SUBSTRATE CONDITIONS

Substrate must be clean, dry and sound for painting. **Moisture content** must be **below 5% WME**, measured using a PROTIMETER (or equally approved). Source of moisture must not be constant and needs to be rectified.

SAFETY PRECAUTIONS

Ensure good ventilation during application and curing process.

Keep out of reach from children.

In case of skin contact, wash with soap and water.

In case of eye contact rinse immediately with running water and seek medical advice if eyes are irritated.

If swallowed, do not induce vomiting and seek medical attention.

Always wear the appropriate protective clothing during product handling and application.

Refer to Material Safety Data Sheet on our website for more detailed safety information.

SURFACE PREPARATION

Ensure that all surfaces are dry, clean and free of oil, grease and in accordance with above **SUBSTRATE CONDITIONS**. Fill any holes or defects using a suitable WOOD FILLER to correct colour. Alternatively collect the saw dust from sanding and mix with the WOODSEAL and use for filling.

NEW WORK

All cracks, open joints and nail holes must be filled with a non-shrink stopping of the correct shade. Sandpaper in the direction of the wood grain, to a smooth finish and wipe down with a turpentine moistened cloth. Apply a primer coat of undiluted WOODSEAL. Allow 24 hours drying, sandpaper lightly and dust off.

PREVIOUSLY PAINTED SURFACES

BAD CONDITION

Sand down to bare timber with 100 grit sandpaper or by mechanical means in the direction of the wood grain. SABRE PAINT REMOVER may be used in areas where build up has occurred. Refer to product data sheet for instructions. Clean wood using WASHING SODA.

Blackened or stained timber may be bleached by applying a solution of OXALIC ACID (500g in 5L warm water). Wear rubber gloves and refer to manufacturer safety precautions. Wash down with clean tap water and allow to dry. Sandpaper with 100 Grit sand paper in the direction of the wood grain and wipe down with a turpentine moistened cloth.

Apply a primer coat of undiluted WOODSEAL. Allow 24 hours drying, sandpaper lightly and dust off.

GOOD CONDITION

Sandpaper lightly with 100 grit sandpaper. Wipe down with a turpentine moistened cloth.

FINAL COATS

Apply two coats WOODSEAL as supplied, allowing 16 hours drying time between coats.

Important: Varnished surfaces must be stripped with paint remover to bare wood before applying WOODSEAL.

DISCLAIMER

The technical information contained in this document are given in good faith and are meant to be used as a guideline by the specifier or user. Whilst we are confident about the quality of our products, we cannot accept any liability for the incorrect use or application of our products. Surface preparation forms an integral part of the scope of works and it is expected that the highest standards are maintained during surface preparation and application, to ensure that our products perform as intended. Always ensure to use the same product batch numbers, refrain from doing spot touch-ups and paint surfaces from corner to corner to prevent colour and sheen variance.

Please note that all our latest Product Data Sheets and Material Safety Data Sheets are available for viewing on our website at www.sabre.co.za

SABRE PAINTS (PTY) LIMITED