



High Performance Paint

Product Data Sheet



WOODLAND WB OIL STAIN

04-30X5 JUN 14



DESCRIPTION: An environmentally friendly water thinned linseed oil based polymer stain treatment for bare timber, in a range of attractive semi-transparent colours. Has UV absorbers which helps to protect wood from silvering.

TYPICAL USES: On bare timber such as exterior weatherboards, decks, pergolas, gates and furniture, where a semi-transparent colour is required. WOODLAND WB OIL STAIN will enhance the grain and bring out the natural beauty of the timber.

PERFORMANCE: A premium waterborne linseed oil stain, designed to penetrate and protect the timber and enhance the grain. Easy, environmentally friendly application, in a range of traditional and contemporary semi-transparent colours.

LIMITATIONS: It must be recognised that exterior stains will require regular maintenance to retain the freshly stained look and the life expectancy is less than a pigmented paint. Stir well before and during use. Strong colours may be difficult to achieve on denser timbers, due to lack of penetration. Final colour is influenced by the colour of the underlying timber – always test the colour first on an off-cut piece of timber, or in a hidden area.

DO NOT APPLY IF AIR OR SURFACE TEMPERATURE IS BELOW 10°C.

TECHNICAL DATA:

Resin:	ECO Friendly Linseed Oil Based Polymer Dispersion
Solvent:	Water
Finish:	Natural
Colour:	In a range of semi-transparent Stain colours
Touch Dry (minimum):	24 hours @ 20°C
Recoat Time (minimum):	2 hours for repeat application of stain
Primer:	Not Applicable
Number of Coats:	2 usually required
Dry Film Thickness:	Not Applicable
Wet Film Thickness:	Not Applicable
Durability:	
Thinning and Clean Up:	Water
VOC:	158 g/litre
Pot Life:	Not Applicable
Pack Size:	1, 4, 10 Litre

SPREAD RATE:

Theoretical Coverage: 5-15 m²/litre/coat.
Coverage depends on surface profile and porosity.

COMPUTER CODES:

WB Oil Stain Clear	04-3005
WB Oil Stain (Std Colours)	04-30X5

Coating Technologies Limited, 16 Aetna Place, Henderson, Auckland, New Zealand

Phone: 0064 9 837 0897 Fax: 0064 9 837 3736 www.cotec.co.nz

Technical information given verbally or in writing is based on knowledge and research, given in good faith and believed to be reliable, but no guarantee of accuracy is made or implied. Since methods and conditions of use are beyond our control, all merchandise is sold and received subject to the condition that our liability whether express or implied for any defect in quality, or for any lack of fitness for the specified use thereof, is limited to the return of the purchase price if written claim is made within 14 days from the date of delivery. It is recommended that the user makes his or her own tests to determine the suitability of the product for his own requirements. Freedom from patent restrictions is not implied.

WOODLAND WB OIL STAIN

SURFACE PREPARATION:

(Refer to “Surface Preparation and Paint Systems” for full details). To ensure a successful application all surfaces to be coated must be clean, dry and stable.

ALL SURFACES:

Ensure surfaces are free from oil, grease and any surface contamination. Ensure substrate is dry, prior to application. Mould and algae growth must be removed by treating with bleach solution or with a proprietary fungicidal solution.

NEW GAUGED TIMBER:

Fill nail holes and small cracks with a suitable wood filler. Sand along the grain with a medium sandpaper, to “open” the surface of the timber. Ensure all sanding dust is thoroughly removed by vacuuming, then wiping with a damp cloth.

NEW ROUGH SAWN TIMBER:

Fill nail holes and cracks with a suitable filler if required.

PREVIOUSLY COATED TIMBER:

Ensure any existing paint or clear coating is completely stripped off back to bare timber. Proceed as for new timber.

If the timber has been previously stained with an oil based or water thinned oil stain, lightly sand with a medium paper to remove any loose surface stain or timber and re-coat.

WOODLAND WB OIL STAIN is not intended for application to sealed surfaces.

Note: Commencement of work on a surface means in general you accept that surface. If any doubt about condition etc, seek advice.

APPLICATION:

Stir product thoroughly with a wide paddle prior to, and during application. Colour may settle or separate rapidly – periodic stirring during use will prevent unevenness of colour.

Product is best applied by brush or speed brush. Apply liberally, then even out by wiping along the grain. Always keep the leading edge wet and distribute stain evenly. This will help avoid lap marks and keep the colour uniform. Never stop in the middle of a surface area. Always stain to the edge of an area. Depth of colour may be intensified by a repeat application, or reduce by wiping the surface with a clean cloth.

WOODLAND WB OIL STAIN can be spray applied using airless spray equipment. Low pressures and a small tip (515) and flow restrictor in the pickup is recommended to control the amount of product. Overspray can be difficult to remove so mask or cover any area where stain is not wanted.

Note: Water based stains can swell and raise the grain of the timber, resulting in a rough surface. This can be removed by a light sand with 220 grit sandpaper before applying a further coat.

Do NOT apply in temperatures lower than 10°C or in humidity greater than 85% or if dew or rain is expected within 4 hours of application. New (particularly treated) timber should be allowed to weather for at least 2 weeks before staining to allow excess treatment and water to evaporate out. Work the first coat into the timber well. Stains are designed to penetrate the timber in order to be most effective. Rough sawn and open grained timber may require additional coats however do NOT apply excessive amounts of stain as this can lead to premature failure. The best method is to apply a second coat of stain after one year of weathering.

Darker colours cause the timber to heat up more and this can lead to pronounced timber movement and cracking over time and may need re-coating more regularly.

WOODLAND WB OIL STAIN is formulated for maximum penetration of the timber surface and so can have a tendency to “disappear” into the surface and this may require an additional coat to fully develop the colour required.

THINNING & CLEAN UP:

Do not thin. Clean up in water. Use a small amount of detergent to aid clean up.

ENVIRONMENTAL:

This formulation uses the latest technology with low toxicity, ensuring environmental issues are not compromised. DO NOT POUR paint or wash down storm water or water courses. ALWAYS dispose of in accordance with local Government regulations. Soak up spills with absorbent material and dispose of properly. If spraying use suitable respiratory protection. Refer to the MATERIAL SAFETY DATA SHEET.