

WERDOL WOODFINISH MATTE VARNISH

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A single-component varnish formulated to have excellent adhesion to new teak and other exotic/oily woods, while providing extraordinary interior or exterior protection even in tropical climates.

Provides a hard, amber clear, UV resistant, satin-matte finish without much of the sanding and expertise that other conventional varnish products require. May be applied over single-component, or two-component coatings.

Generic type	A medium-long based oil formulation, with phenolic based resins and ultra-violet filters.
Colour & finish	Amber Clear / Satin-Matte
Package	1L
Mixed solids per litre	65% by volume, 60% by weight
Mixed weight per litre	920g
Flash point	39°C
Recommended use	For long lasting protection of teak and other exotic/oily woods, with interior or exterior exposure. Suitable for building and/or finishing coats.
Methods of application	Brush / conventional or airless spray
Recommended application	Brush
Required thinners	WERDOL Varnish Brushing Thinner (for brush application) WERDOL Varnish Spraying Thinner (for spray application)
Thinning ratio - brushed	First coat 10%. Additional coats thin if required up to 5%
Thinning ratio - sprayed	Conventional air spray: thin as required up to 15% Airless Spray: thin as required up to 5%
Spray viscosity for conventional air spray	23-28 seconds #2 Zahn Cup 18-22 seconds DIN Cup 4 20-24 seconds Ford Cup 4
Clean up	Mineral spirits / WERDOL Varnish Thinner
Theoretical coverage	10m ² per litre
Application temperature range	Temperature should be between 10°C-30°C during application.
Tape removal	At 23°C, 24 hours
Tack free	At 23°C, 2 hours
Service temperature limits	50°C continuous; 93°C intermittent. Higher temperatures may cause yellowing or blistering.

WERDOL WOODFINISH MATTE VARNISH APPLICATION

BARE WOOD

Ensuring the wood surface is free of dust, moisture and other contaminants, wipe with denatured alcohol using the two-cloth method (one wet, one dry). Clean, non-drycleaned rags should be used, or commercial cleaning cloths such as “3M Automotive Wipes” which are lint free. Sand wood as required to expose a fresh surface, with final sanding to a 240 grit profile when dry sanded.

1. Apply the first coat of WERDOL Woodfinish Matte Varnish, thinned 10%. Due to wood fibres appearing after this first application, it is necessary again to sand to a 240 grit profile when dry sanded.
2. Prior to application of additional coats, wipe the surface with denatured alcohol using the two-cloth method (one wet, one dry). Apply additional coats allowing 24 hours drying time (at 23°C) between applications. Sanding is not required for adhesion if each coat is applied within 72 hours of the previous application. Apply a minimum of 4-5 coats of varnish.
3. Prior to application of the final coat, sand the surface well to a 320 grit profile when dry sanded. Clean with denatured alcohol using the two-cloth method (one wet, one dry). Remove any dust particles using a tack rag.

PREVIOUSLY VARNISHED SURFACE

If the original wood surface is intact without discolouration or signs of severe deterioration, ensure the wood surface is free of dust, moisture and other contaminants by wiping with denatured alcohol using the two-cloth method (one wet, one dry). Clean, non-drycleaned rags should be used, or commercial cleaning cloths such as “3M Automotive Wipes” which are lint free. Sand the surface well to a 240 grit profile when dry sanded.

1. Apply the first coat of WERDOL Woodfinish Matte Varnish, thinned 10%.
2. Follow steps 2 and 3, as outlined in “Bare Wood” application.

PRODUCT TIPS

Never shake product, but gently hand stir thoroughly before use. Pour the amount of varnish to be used through a paint strainer into a paint pot. Close the original can immediately.

Never pour unused varnish back into the original can. Unused varnish should be kept as fresh as possible in the original can, or a separate jar or container.

Refer to information regarding “The Care and Maintenance of Quality Brushes.”

When any WERDOL Varnish product is to be applied over a large surface area, the user may facilitate application by chilling the varnish to a temperature to 4-7°C before use. This allows a longer application time, however, the user must be careful not to apply too thick a coat.

IMPORTANT

Mineral Turpentine must not be used for thinning any WERDOL Varnish product. Use WERDOL Varnish Thinner only, as loss of gloss and darkening of the coating will otherwise occur.