

WERDOL CLEAR GLOSS VARNISH

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A single-component varnish formulated to have extraordinary interior or exterior protection even in tropical climates. This varnish is manufactured with a long base of 100% tung oil, combined with non-yellowing urethane and alkyd resins blended with a perfected balance of ultra violet filters.

Provides a hard, amber clear, UV resistant, high gloss finish. May be applied over single-component, or two-component coatings.

Generic type	Varnish based on tung oil, phthalic alkyd, urethane resins and ultra-violet filters.
Colour & finish	Amber Clear / High Gloss
Package	500ml / 1L
Mixed solids per litre	65% by volume, 68% by weight
Mixed weight per litre	920g
Flash point	39°C
Recommended use	Provides excellent adhesion to, and filing of all 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 50%, second coat 25%, third coat 15% Additional coats thin if required up to 5-7%
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	14m ² per litre
Application temperature range	Temperature should be between 10°C and 30°C during application. For cold or humid conditions, the use of WERDOL Accelerator is advised.
Tape removal	At 23°C, 24 hours
Tack free	At 23°C, 2 hours
Service temperature limits	50°C continuous; 93°C intermittent. High temperatures may cause yellowing or blistering.

WERDOL CLEAR GLOSS 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 Clear Gloss Varnish, thinned 50%. 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 the second coat, thinned 25%.
3. Allow finish to cure thoroughly and sand to a 320 grit profile when dry sanded. Clean with denatured alcohol using the two-cloth method (one wet, one dry). Apply the third coat, thinned 15%.
4. Apply an additional 4-5 coats of varnish, sanding well between coats to a 320 grit profile when dry sanded. Clean with denatured alcohol using the two-cloth method (one wet, one dry). Before application of the final coat, 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 a minimum of 2-3 coats of WERDOL Clear Gloss Varnish, with the first coat thinned by 10%.
2. Sand well between coats to a 320 grit profile when dry sanded, then wipe with denatured alcohol using the two-cloth method (one wet, one dry). Remove any dust particles with a tack rag prior to the final coat.

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.