

WERDOL PP EXTRA CLEAR GLOSS VARNISH

WERDOL PP EXTRA CLEAR GLOSS VARNISH

A two-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. Shorter recoat times with no sanding required between applications makes it ideal for initial wood grain filling and fast build-up coats. Extreme abrasion and chemical resistance qualities also make it ideal for floors and other high-wear areas. When used as a build-up coat, several final coats of any WERDOL single-component varnish product may be applied to ensure easy maintenance.

Provides a hard, clear, UV resistant, high gloss finish. Must be applied over two-component coatings only.

Generic type	Two-component, alkyd resin and isocyanates with ultra-violet filters.
Colour & finish	Clear / Gloss
Package	2L Pack (1L Part A, 1L Part B) 10L Pack (5L Part A, 5L Part B)
Mixed solids per litre	45% by volume, 47% by weight
Mixing ratio by volume	1 Part A : 1 Part B
Pot life	At 20°C, 4 hours
Recommended use	Ideal for initial wood grain filling and fast build-up coats, for wood with interior or exterior exposure and high-wear situations. Suitable as a finishing coat, but final application of a secondary varnish product will ensure easier maintenance.
Methods of application	Brush / conventional or airless spray
Recommended application	Conventional spray
Required thinners	WERDOL PP Extra Thinner (for brush and spray application)
Thinning ratio - brushed	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 PP Extra Thinner
Theoretical coverage	14m 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 PP EXTRA CLEAR GLOSS 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 PP Extra Clear Gloss Varnish. 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 2 hours drying time (at 23°C) between applications. Sanding is not required for adhesion if each coat is applied within 48 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. If final coating with a secondary single-component varnish is desired, 3-4 final coats should be applied. Any WERDOL single-component varnish product may be used for this purpose.

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. **WARNING:** The existing coating must be a two-component coating, as adhesion problems may occur when applying WERDOL PP Extra Varnish over single-component coatings.

1. 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.