



WOODSHIELD QUICK DRY ALKYD VARNISH 161-SERIES

Description

Our Woodshield Interior Alkyd Varnish was developed to perform optimally through the combination of resin and proprietary formulation. The alkyd varnish offers outstanding adhesion, protection, and performance in residential and light commercial applications.

Recommended Substrates

Wood (Bare, previously stained or varnished) – Vertical and Horizontal use

Tinting and Base Information

161-00* Gloss Clear
161-01* Satin Clear
161-11* Semi-Gloss Clear

*Not tintable.

Features

Interior
Alkyd/Polyurethane Formulation
Clear Finish – Light Amber Colour
Bowling Alley Tough
Beautiful and Protective Finish
Home Owners Guarantee

Benefits

Resist yellowing
Excellent performance and durable finish
Self-priming
Quick Drying

Regulatory Conformance and Approvals

Meets stringent VOC regulation - ≤ 550 g/L (based on 161-00)

Technical Data

Vehicle Type: Alkyd / Polyurethane Resin Blend

Gloss Range: 90+161-00, 42-58 161-11, 10-20 161-01 (60° angle)

Spread Rate: Up to 40m² or 400ft² per gallon on smooth and non-porous surfaces. Spread Rate do not include loss due to surface irregularities, surface porosity, and application method.

Volume Solids*: 37% based on 161-00

Weight Solids*: 41% based on 161-00

*Weight per 946ml – 1.0kg including can

Drying Time: @ 25°C; 50% Relative Humidity

To Touch – 1 hour
To Recoat – 3 hours
Light Traffic – 24 hours
To Full Cure – 72+ hours

Drying times will vary depending on ambient temperature, humidity, film build, colour, and air movement.

Surface Temperature:

Material – 10°C (50°F) to 32° (90°F)
Ambient - 10°C (50°F) to 32° (90°F)
Substrate - 10°C (50°F) to 32° (90°F)

Storage of material at elevated temperatures for prolonged periods may experience skinning.

Viscosity: 95-115 cp #1 @ 50 rpm

Flash Point: 45 °C

Disposal: Contact your local environmental regulatory office or your municipality for specific guidelines

Container Sizes:

161-00 946ml 1877-302
161-01 946ml 1877-311
161-11 946ml 1877-320

General Preparatory Steps and Application Info

- Surface must be cleaned, sanded, and dried.
 - Remove all loose and peeling coatings, dirt, mildew, grease, stains, sanding dust, and any other surface contamination.
 - Replace questionable pieces of wood. Sand all glossy (Mill Glaze) and rough surfaces. Consult with your local paint department on preparatory steps.
 - Do not apply over Shellac. Wipe knots and sap with Home paint thinner.
 - All surfaces need to be sanded well, not necessarily down to bare wood. Suggest trying an inconspicuous test area first to gauge degree of work.
 - Do not apply over Vinyl, Asphalt Tiles, or Latex Varnishes.
 - Moisture content in wood surface needs to be below 15%.
 - Remove all traces of mildew with appropriate cleaner or Natura Mildew Off. Consult with your local Paint Department.
 - Repair all moisture damage and deter all moisture problems.
 - Please stir the 161-series prior to and during use to avoid any settling or variance in sheen.
 - Do not spray.
 - Keep away from open spark and flame.
 - Apply 2-3 liberal coats of 161-Series. Horizontal and Vertical Use.
 - Do not apply over painted or primed surface.
 - Always maintain a wet edge or varnish in small manageable sections.
 - Important to sand (100-120 grit) if the 161-series exceeded 12 hours before applying an additional coat.
 - Not intended to be used on laminate, engineered, or composite material.
 - Submerge or rinse varnish/solvent soaked rags in water to prevent spontaneous combusting.
 - Important to extinguish any pilot light if using in proximity.
 - Follow label directives for application requirement. Consult your local Paint Department.
 - If using more than one can of the same, intermix to ensure uniform finish.
 - Depending on the porosity of substrate, multiple coats may be required.
- Application Equipment:** Apply with a high-quality pure bristle brush or pad applicator. Brush – Pure Bristle.
- Thinning:** Paint Thinner - Not necessary but no more than 10%-12% of volume.