



# WOODSHIELD ALKYD CLEAR SPAR VARNISH 60-03

## Description

Our Woodshield Exterior Spar Varnish was developed to perform optimally through the combination of resin and proprietary formulation. The alkyd varnish offers notable adhesion, protection, and performance for our Canadian climate.

## Recommended Substrates

Wood (Bare and New) – Previously varnished or stained wood – Vertical and Horizontal use – Above waterline

## Tinting and Base Information

60-03\* Clear Amber Finish

\*Not tintable.

## Features

Exterior  
Phenolic Oil Formulation  
Clear Light Amber Finish  
Mar-Slip Additive  
Beautiful and Protective Finish  
Home Owners Guarantee

## Benefits

Exemplifies the grain and texture of wood surface.  
Revitalizes wood surfaces  
Excellent performance and durable finish  
Water resistant (once cured) – above waterline.  
Resist formation of new mildew on the paint surface

## Regulatory Conformance and Approvals

Meets stringent VOC regulation -  $\leq 500$  g/L (based on 60-03)

## Technical Data

**Vehicle Type:** Phenolic Oil Resin – Clean up with Home Paint Thinner

**Gloss Range:** 90+ (60° angle) based on 60-03

**Spread Rate:** Up to 40m<sup>2</sup> or 400ft<sup>2</sup> 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\*:** 43% based on 60-03

**Weight Solids\*:** 49% based on 60-03

\*Weight per 946ml – 1.0kg including can

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

To Touch – 4 hours  
To Recoat – 12 hours  
Light Traffic – 72 hours  
To Full Cure – 14+ days

*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:** 125-150 cp #1 @ 50 rpm

**Flash Point:** 51°C

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

## **Container Sizes:**

60-03 235ml 1877-687 946ml 1877-696

## **General Preparatory Steps and Application Info**

- Surface must be cleaned, sanded, and dried.
  - Above Waterline use only.
  - Remove all loose and peeling material, dirt, mildew, grease, stains, 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.
  - New lumber can be stained immediately providing the moisture content is below 15%.
  - All grey wood or dead wood fibres need to be removed with an oxalic acid type cleaner (WoodRestorer) or sanded very well (not smooth). Possibly the wood surface is too far gone negating the use of stain, clear, or paint.
  - Do not apply over water proofing agents nor add water proofing agents to product. If the surface beads or sheds water, the coating needs to be removed and prepped prior to applying 60-03.
  - Do not apply over Shellac. Wipe knots and sap with Home paint thinner.
  - Stir the 60-03 prior to and during use.
  - Remove all traces of mildew with Natura Mildew Off. Consult with your local Paint Department.
  - Repair all moisture damage and deter all moisture problems.
  - Do not apply over urethane varnishes.
  - Do not apply in direct sun or if rain is imminent and avoid heavy dewes shortly after application.
  - Please take extra precaution near and around the project to protect foliage, metal, and glass.
  - Do not apply over multiple coats of semi-transparent or opaque stains or paints.
  - Apply 2-3 liberal coats of 60-03. Horizontal and Vertical Use.
  - Do not apply over painted or primed surface. We recommend applying the 60-03 one linear board at a time or manageable sections by maintaining a wet edge.
  - Important to sand between coats of 60-03 to ensure adequate adhesion.
  - Not intended to be used on resin or composite material.
  - Submerge or rinse paint solvent rages in water to prevent spontaneous combustion.
  - Keep away from open spark or flame.
  - 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.
  - Maintenance coat is suggested every 12-24 (horizontal surfaces) months for high use zones.
- Application Equipment:** Apply with a high-quality brush or pad.  
Brush – Pure Bristle.
- Thinning:** Home Paint Thinner - Not necessary but no more than 10%-12% of volume.