

# Woodline<sup>®</sup> Polyurethane

## Technical data sheet

A premium, oil-modified wood floor finish formulated for interior use on residential and commercial wood floors.

- Provides a tough, protective coat
- Slight amber color - enhances natural color of wood
- Does not require thinning under normal environmental and application conditions (65°-75°F, 40-60% relative humidity)
- Available in gloss, semi-gloss and satin
- Self-leveling
- Will adhere to most solvent-based stains and finishes and most waterborne finishes after proper preparation, drying times and curing times

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#### **Physical Characteristics:**

##### **Ingredients –**

**Satin and Semi-Gloss:** Oil-modified polyurethane resin, mineral spirits (solvent), driers, silica

**Gloss:** Oil-modified polyurethane resin, mineral spirits (solvent), alkyd resin, driers

**Color –** Gold amber

**Solids –** 43.5%

**Density –** Gloss: 7.3 lbs./gallon (.87 S.G.); Satin and Semi-Gloss: 7.8 lbs./gallon (.94 S.G.)

**US Regulatory VOC –** 510 g/L

**Gloss Level –** Gloss: (60°) >90°; Semi-Gloss: 60; Satin: 30

**Odor –** Mineral spirits

**Stability –** One year shelf life in unopened container

**Flash Point –** Satin and Semi-Gloss: 103° F; 103° F (39°C); Gloss: 110° F (43°C)

**Packaging –** 5 gallon pail • 1 gallon can • 1 quart can

#### **Application Characteristics:**

**Clarity –** Gloss: Clear; Satin and Semi-Gloss: Slightly opaque

**Coverage –** 500 square feet per gallon

**Percent Cured After 24 Hours –** 40%

**Maximum Cure –** 100% after 2 weeks

**Application Tools –** Bona<sup>®</sup> Brush, lambswool applicator

**Leveling –** Good

**Defoaming –** Excellent

**Drying Time –** 8-12 hours

### Recommended Use

- Residential
- Commercial
- Not recommended over white or pastel stains

### Directions

**BEFORE USING, READ ALL DIRECTIONS AND MATERIAL SAFETY DATA SHEET.**

**FOR TECHNICAL ADVICE:** Call Bona US at 800-872-5515

**COMPATIBILITY:** BONA WOODLINE<sup>®</sup> POLYURETHANE is not recommended over shellac, lacquer sanding sealers, fillers or stains containing stearates. Polyurethane finishes will have a slight ambering effect over light colored surfaces. Bona Woodline Poly will adhere to most stains and finishes after proper preparation and dry times. Stain, sealer and finish results may vary widely depending on the wood species, especially on oily and resinous Exotics. ALWAYS PREPARE A SAMPLE OR TEST AREA TO DETERMINE COMPATIBILITY, APPEARANCE AND DESIRED RESULTS.

**SANDING AND PREPARATION OF NEW FLOORS:** 1. Sand and prepare floor using accepted industry association methods. 2. For a stained floor, make your final cut with 80-100 grit paper and screen to 80-100 grit. For an unstained floor, make your final cut with 80-100 grit paper and disc/screen to 120-150 grit. This burnishing will reduce the amount of grain raise. 3. Use a Tampico Brush on a buffer and vacuum thoroughly. 4. Tack with a dry Bona<sup>®</sup> Microfiber Mop or cloth to remove dust. 5. Apply finish system.

**THE BONA WOODLINE<sup>®</sup> POLY SYSTEM:** Bona Woodline Poly is a 3-coat system. For an unstained floor, apply 1 coat of Bona<sup>®</sup> Drifast<sup>®</sup> Sealer according to label directions, followed by 2 coats of Bona Woodline Poly. For a stained floor, apply a Bona<sup>®</sup> Drifast<sup>®</sup> Stain according to label

Finishing



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directions, followed by 2 coats of Bona Woodline Poly. Adding a third coat of Bona Woodline Poly is recommended in heavy-traffic commercial and residential areas. Visit [www.bona.com](http://www.bona.com) for additional product information.

**RECOMMENDED APPLICATORS:** Lambswool applicator, natural bristle brush, snowplow tool, flocked foam paint pad and roller. NOTE: Use a clean applicator for sealer and a separate clean applicator for finish.

**MIXING INSTRUCTIONS:** STIR WELL BEFORE USE. DO NOT THIN.

**FINISHING:** 1. Apply Bona Woodline Poly going with the grain of the wood. 2. Be sure to feather out each stroke to avoid applicator marks. 3. BE SURE YOU ARE USING THE RECOMMENDED COVERAGE OF 500 SQ FT PER GALLON. 4. Allow each coat to dry thoroughly (approximately 8-12 hours). High humidity and/or low temperature conditions will extend dry time while increased ventilation and airflow will reduce dry time (recommended conditions of 65-80°F (18°C-27° C)/ 40-60% relative humidity). 5. Abrade in-between all coats with a 120 – 150 grit screen or maroon pad. 6. Thoroughly vacuum and wipe with a clean, lint-free, water dampened cloth between coats of finish. If desired, a third coat may be applied. Allow final coat to dry a minimum of 24 hours before use and avoid heavy traffic for 72 hours.

**RECOATING:** Be sure floor is free from wax, polish and oily residues. Follow the Bona Prep<sup>®</sup> system, applying 1-2 coats of Bona Woodline Poly. If Recoating a Factory Prefinished Floor, DO NOT USE Bona Woodline Poly. Use Bona Naturale<sup>®</sup> or Bona Traffic<sup>®</sup> finishes with the Bona Prep system. Delamination can occur if the Bona Prep process is not followed and the floor has not been tested for compatibility.

**DANGER:** RAGS, STEEL WOOL OR WASTE SOAKED WITH BONA WOODLINE POLYURETHANE MAY SPONTANEOUSLY CATCH FIRE IF IMPROPERLY DISCARDED. IMMEDIATELY AFTER EACH USE, PLACE RAGS, STEEL WOOL OR WASTE IN A SEALED, WATER-FILLED, METAL CONTAINER.

### Maintenance

**CURING:** The curing process takes approximately 14 days. The floor may be walked on after 24 hours, but the floor is susceptible to scuffing or marring prior to completion of the curing time. Do not replace walk-off mats until finish is fully cured. Furniture may be placed onto floor after 72 hours (90% cured). Do not drag or slide furniture. Do not clean with water or detergent during the curing process. Use only a dry cloth for cleaning during the first two weeks.

**CLEAN-UP:** Clean application tools and equipment with mineral spirits.

**FLOOR CARE:** Maintain your hardwood floor with Bona<sup>®</sup> Professional Series floor care products.

**STORAGE AND DISPOSAL:** Store at room temperature. Keep container closed when not in use. Do not store above 100° F (38° C). Do not transfer contents to other containers for storage and disposal. In case of spillage, absorb with inert material. Dispose of contaminated absorbent, container and unused contents in accordance with local, state and federal regulations.

### Order Information

Item#	Size / Sheen	#/Case
ST750051058	Quart – Gloss	6
ST750351064	Quart – Semi-Gloss	6
ST750651061	Quart – Satin	6
ST750018059	Gallon – Gloss	4
ST750318065	Gallon – Semi-Gloss	4
ST750618062	Gallon – Satin	4
ST750055060	5 Gallon – Gloss	1
ST750355066	5 Gallon – Semi-Gloss	1
ST750655063	5 Gallon – Satin	1