

Bona[®]

Bona Strong[™]



DESCRIPTION:

A two-component waterborne urethane wood floor finish formulated for professional use on high-traffic interior residential and commercial wood floors. The original worldwide standard for waterborne finishes now reformulated for today's more demanding emissions standards.

FEATURES:

- Exceptional durability – provides an extremely tough, high-build urethane finish
- Exceptional clarity – stays clean and clear even after several recoats
- Provides excellent chemical resistance
- GREENGUARD certified for indoor air quality
- Available in gloss, silkmat or satin
- This product has a maximum VOC (Volatile Organic Compound) content of 235 grams per liter (1.96 pounds per gallon VOC).
- Virtually odorless
- Easy to maintain

RECOMMENDED USE:

- High-traffic residential - kitchens, entryways, family rooms, homes with pets, children and high foot traffic
- Commercial - restaurants, offices, retail stores
- Institutional applications - hospitals, schools, nursing homes
- White or pastel stained floors
- Recoating prefinished UV hardwood flooring



DIRECTIONS FOR USE:

BEFORE USING, READ ALL DIRECTIONS AND MATERIAL SAFETY DATA SHEETS.

FOR TECHNICAL ADVICE: Call BonaKemi at 800-872-5515

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® Microfiber Mop or cloth. 5. Apply finish system.

THE BONA STRONG™ FINISH SYSTEM: Apply a Bona sealer or Bona stain and 2 coats of Bona Strong. Follow label directions. Adding a third coat of Bona Strong is recommended in heavy-traffic commercial and residential areas. Visit www.bonakemi.com for additional product information.

RECOMMENDED APPLICATORS: Bona® Floor Coater, Bona® Roller, Bona® Cut-In Pad.

NOTE: Use a clean applicator for sealer and a separate clean applicator for finish.

MIXING INSTRUCTIONS: SHAKE WELL BEFORE USING. DO NOT THIN. 1. Open the crosslinker bottle and add an equal part of water to the crosslinker. Shake well. 2. Add the crosslinker/ water mixture to Bona Strong within 15 minutes. 3. Insert supplied filter into bottle only after adding crosslinker. 4. Shake vigorously and let sit 5-10 minutes.

FINISHING: 1. Pour a 4" wide line of finish along the starting wall. Go with the grain of the wood. 2. Using a pre-dampened applicator, draw the applicator forward with the grain of the wood, moving the finish toward the opposite wall. To maintain a wet edge at all times, hold the applicator at a snowplow angle. 3. At the end of each run, turn the applicator towards you and pad out the applicator parallel to the wet edge. 4. Feather out all turns. Do not push too hard or too fast to avoid drips flying off the applicator. 5. BE SURE YOU ARE USING THE RECOMMENDED COVERAGE OF 500-600 SQ. FT. PER GALLON. DO NOT SPREAD TOO THIN. 6. Allow the first coat to dry 2-3 hours. High humidity and/or low temperature conditions will extend the dry time (recommended conditions of 65-80° F/40-60% relative humidity). 7. For smoothest results, abrade with a Bona® Conditioning Pad before applying final coat. Always vacuum and tack thoroughly with a slightly water dampened Bona Microfiber Mop or cloth after abrading. Allow final coat to dry at least 48 hours before use.

POT LIFE: The finish/crosslinker mixture is active for 8 hours after it is mixed. Within 2-3 days, crosslinker may be added one additional time.

INTERCOAT ABRASION: It is not necessary to abrade between Bona waterborne sealer and finish coats unless more than 48 hours has passed since the previous coat was applied. For smoothest results, abrade between all coats as necessary. When using solvent-based sealers, ALWAYS abrade before finish coats. Always vacuum and tack thoroughly with a slightly water-dampened Bona Microfiber Mop or cloth after abrading.

RECOATING: Be sure floor is free from wax, polish and oily residues. Follow the Bona Prep™ system, applying 1-2 coats of Bona Strong finish. Delamination can occur if the Bona Prep process is not followed and the floor has not been tested for compatibility.

NOTE: Bona Strong 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.

CURING: The curing process takes approximately 7 days, (70% cured after 1 day, 90% after 3 days). Do not replace area rugs until the floor has fully cured. The floor may be walked on after 24 hours, but remains susceptible to scuffing or marring until completely cured. Use only a dry Bona Microfiber Mop or cloth for cleaning during the first week.

CLEAN-UP: Application tools should be cleaned with water and stored in an airtight container.

FLOOR CARE: Put walk-off mats at all entrance doorways to keep out excessive dirt and grit. Sweep or vacuum daily and damp-wipe as needed with Bona® Hardwood Floor Cleaner. Use Bona® Self-Adhesive Felt Pads under furniture legs and appliances.

STABILITY: One year shelf life in unopened container.

STORAGE: Nonflammable - Bona Strong and Crosslinker should be stored in a climate-controlled environment. KEEP FROM FREEZING. Do not store above 100° F.

 **INGREDIENTS:** Water, polymeric resins, propylene based glycol ethers, surfactants.

Please recycle container when empty.

SPECIFICATIONS/PHYSICAL DATA:

Physical Characteristics:

Color - Milky white (wet)

pH - 7.6

Solids - 32%

Viscosity - (#4 Ford cup @ 25°C) 16 seconds

Density - 8.74 lbs./gallon (1.05 S.G.)

VOC Compliant - This product has a maximum VOC (Volatile

Organic Compound) content of 235 grams per liter (1.96 pounds per gallon VOC).

Application Characteristics:

Clarity - Clear when dry

Leveling - Excellent

Defoaming - Excellent

Drying Time - 2-3 hours

Pot Life - The finish/crosslinker mixture is active for 8 hours after it is mixed. Within 2-3 days, crosslinker may be added one additional time.

Gloss Level - (60°) >85 for gloss, 55 for silkmat, 30-35 for satin

Odor - Non-offending

Flash Point - > 200° F

Stability - one year shelf life in unopened container

Packaging - 1-gallon plastic bottle, comes complete with crosslinker

Coverage - 500-600 square feet per gallon

Percent Cured After 24 Hours - 70%

Maximum Cure - 100% after 1 week

Bona US

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