

Bona Traffic®

Technical data sheet

For heavy-traffic commercial and residential hardwood floors, **Bona Traffic®** provides the ultimate in durability and beauty, outperforming any finish in the industry- moisture cure, solvent-based, oil-modified or other waterborne finishes.

- Unsurpassed durability – outperforms moisture cure finishes without the hazardous side effects, and with all the benefits of a waterborne finish
- The application feel of a solvent-based finish
- Faster curing rate allows quicker access to the floor
- Clear and colorless, which highlights the true color of stained or natural wood floors. Will not change color over time, allowing for easy touch-up
- GREENGUARD certified for indoor air quality
- Classified by Underwriters Laboratories Inc. as to slip resistance only, Control #21KM
- No sealer needed over a stained floor
- Exceptional build with excellent flow and leveling
- Available in Commercial Satin, Commercial Semi-Gloss, and Commercial Gloss
- This product has a maximum VOC (Volatile Organic Compound) content of 210 grams per liter (1.8 pounds per gallon VOC).
- Fast drying – approximately 2-3 hours
- Nonflammable with a non-offending odor
- Water clean-up

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Physical Characteristics:

Color – Milky white (wet)

pH – 7.9

Solids – 34% (with hardener)

Viscosity – (#4 Ford cup @ 25° C) 18 seconds

Viscosity with Hardener – (#4 Ford cup @ 25° C) 20-22 seconds

Density – 8.70 lbs./gallon (1.04 S.G.)

VOC Compliant – This product has a maximum VOC (Volatile Organic Compound) content of 210 grams per liter (1.8 pounds per gallon VOC).

Gloss Level – (60°) – 15-20 for Commercial Satin

40-45 for Commercial Semi-Gloss

65-70 for Commercial Gloss

Odor – Non-offending, slight ammonia

Flash Point – N/A

Stability – 1 year shelf life in unopened container

Packaging – 1-gallon plastic bottle

Application Characteristics:

Clarity – Clear when dry

Leveling – Excellent

Drying Time – 2-3 hours

Pot Life – THE FINISH/HARDENER MIXTURE MUST BE USED WITHIN 4 HOURS AFTER IT IS MIXED. Product properties are diminished after 4 hours. The finish and hardener can only be mixed one time.

Coverage – 350-400 square feet per gallon

Defoaming – Excellent

Percent Cured After 24 Hours – 75%, **72 hours** – 90%

Maximum Cure – 100% after 1 week

Recommended Use

Commercial and residential use including shopping malls, restaurants, offices, retail stores, theater stages, hospitals, schools, and nursing homes

Directions

CAUTION! DO NOT TAKE INTERNALLY. CONTAINS SMALL AMOUNTS OF DIPROPYLENE GLYCOL MONOMETHYL ETHER. Precautions: Do not breathe vapors or spray mist. Use with adequate ventilation. Wear an appropriate, properly fitted (NIOSH/MSHA APPROVED) respirator in areas where TLV is exceeded. Avoid contact with eyes, skin and clothing. Wash thoroughly after handling. KEEP OUT OF REACH OF CHILDREN.

Finishing



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FIRST AID: In case of eye contact, flush immediately with water and get medical attention; for skin, wash thoroughly with soap and water. If affected by inhalation, remove to fresh air. If swallowed, drink 1 or 2 glasses of water to dilute. Do not induce vomiting. Get medical attention.

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

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

COMPATIBILITY: Bona Traffic® 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® Microfiber Mop or cloth to remove dust. 5. Apply finish system.

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

RECOMMENDED APPLICATORS: Bona® Floor Coater (T-bar), 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. DO NOT ADD WATER. 1. Shake Bona Traffic finish (Part A) well for 30 seconds. 2. Add Bona Traffic Hardener (Part B) to finish (Part A). One 12.8 oz. bottle of hardener will activate one gallon of finish. To mix finish amounts of less than one gallon, use a 1:10 ratio. 3. Immediately shake mixture vigorously for 30-45 seconds. 4. Insert supplied filter into bottle only after adding hardener. 5. Let sit for 5-10 minutes before applying. BONA TRAFFIC CANNOT BE REHARDENED.

FINISHING: 1. Pour a 6" wide line of finish along the starting wall. Go with the grain of the wood. 2. Using a pre-dampened T-bar sleeve, 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 350-400 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 (18°C-27°C) 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.

CAUTION! Do not recap finish/hardener mixture after 4 hours to avoid pressure build-up. Dispose of any remaining product in accordance with local, state and federal regulations. Decontaminate empty hardener (Part B) bottle prior to disposal by adding water to the one-quart line. Recap. Shake vigorously. Dispose of.

POT LIFE: THE FINISH/HARDENER MIXTURE MUST BE USED WITHIN 4 HOURS AFTER IT IS MIXED. Product properties are diminished after 4 hours. The finish and hardener can be mixed only one 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 Traffic finish. Delamination can occur if the Bona Prep process is not followed; always test for compatibility.

Maintenance

CURING: The curing process takes approximately 7 days, (75% 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.

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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 minimize dirt and grit. Sweep or vacuum daily and damp-wipe as needed with Bona[®] Hardwood Floor Cleaner. Use felt pads under furniture legs and appliances.

STABILITY: One year shelf life in unopened container.

STORAGE: Nonflammable - Bona Traffic and Hardener should be stored in a climate controlled environment. KEEP FROM FREEZING. Do not store above 100° F (38° C).

INGREDIENTS: Water, polymeric resin, dipropylene glycol monomethyl ether, 2,6,8-trimethyl-4-nonylpolyethylene glycol ether, and amorphous silica.

Please recycle container when empty.

Finishing



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