

Bona Traffic HD®

Technical Data Sheet

Bona Traffic HD® is for hardwood floor owners with an uncompromising attitude towards durability, being green and looking beautiful. When the wood matters - Bona Traffic HD®.

- Significantly outperforms all urethane finishes, including Bona Traffic®, in durability at 24 hours
- Unsurpassed scuff, scratch and chemical resistance at full cure
- Very low VOCs and low odor
- 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
- No sealer needed over a stained floor
- Exceptional build with excellent flow and leveling
- Fast drying – approximately 2-3 hours
- Nonflammable
- Water clean-up
- Full cure in 3 days!

Technical data

Physical Characteristics:

INGREDIENTS - Water, polymeric resins, and amorphous silica.

Color – Milky white (wet)

pH – 7.9

Solids – 34% (with hardener)

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

US Regulatory VOC Compliant – 150 g/L (with hardener)

Coefficient of Friction - ≥ 0.5

Gloss Level – (60°) – 7-10 for Commercial Extra Matte, 15-20 for Commercial Satin, 40-45 for Commercial Semi-Gloss

Odor – Very slight non-offensive odor

Stability – 1 year shelf life in unopened container

Packaging – 1 gallon plastic bottle

Application Characteristics:

Clarity – Clear and colorless when dry

Leveling – Excellent

Defoaming – Excellent

Drying Time – 2-3 hours

Coverage – 350-400 square feet per gallon

Percent Cured After 24 Hours – 80%

Maximum Cure – 100% after 3 days

Recommended Use

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

Directions

BEFORE USING, READ ALL DIRECTIONS AND SAFETY DATA SHEETS.

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

COMPATIBILITY: Stain, sealer and finish results may vary widely depending on the wood species, especially on oily and resinous exotic species. 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, then multidisc with 80-120 grit paper. For an unstained floor, make your final cut with 80-120 grit paper, then multidisc with 120-150 grit paper. 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 Tacking Pad or cloth. 5. Apply Bona Finishing system.

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

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

Finishing



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

MIXING INSTRUCTIONS: SHAKE WELL BEFORE USING. DO NOT THIN. 1. Shake Bona Traffic HD finish (Part A) well for 30 seconds. 2. Add Bona Traffic HD Hardener (Part B) to finish (Part A). One 10.38 oz. bottle of hardener will activate one gallon of finish. To mix finish amounts of less than one gallon, use a 1:11.33 ratio. 3. Immediately shake mixture vigorously for 30-45 seconds. 4. Insert supplied filter into bottle. 5. Let sit for 5-10 minutes before applying. BONA Traffic HD 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 Bona floor coater, draw the floor coater forward with the grain of the wood, moving the finish toward the opposite wall. To maintain a wet edge at all times, hold the floor coater at a snowplow angle. 3. At the end of each run, turn the floor coater and pull it toward you through the puddle; then pad out the floor coater parallel to the wet edge. 4. Feather out all turns. Do not push too hard or too fast to avoid drips flying off the floor coater. 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/40-60% relative humidity). 7. For smoothest results, see INTERCOAT ABRASION. At a minimum between coats, vacuum and tack thoroughly with a Bona Microfiber Tacking Pad (dry or slightly dampened with water).

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. CAUTION! To avoid pressure build-up, do not tightly recap finish/hardener mixture.

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 each coat as necessary, using a multidisc and Bona Diamond 180-240 grit abrasives with Bona Intermediate Pads. Thoroughly clean abraded floor using Bona PowerScrubber® OR vacuum and tack with Bona Microfiber Tacking Pads (dry or slightly dampened with water). When using solvent-based sealers, ALWAYS abrade, vacuum and tack before finish coats.

RECOATING: Be sure floor is free from wax, polish and oily residues. If contaminants are present, use the full Bona Recoat System™ to ensure adhesion. Otherwise, follow the Bona Prep® process. Adhesion failure can occur if these recoating processes are not followed and the floor has not been tested for compatibility.

CURING: The curing process takes approximately 3 days (80% cured after 1 day, 100% after 3 days). The floor may be walked on after 24 hours, but remains susceptible to scuffing or marring until completely cured. Do not replace area rugs until the floor has fully cured.

Maintenance

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

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.

Order Information

Item #	Size	No./Case
WT155918001	1 Gallon – Extra Matte	3
WT155618001	1 Gallon – Satin	3
WT155318001	1 Gallon – Semi Gloss	3

Hardener

Item #	Size	No./Case
WH330062001	10.38 oz.	1

Finishing



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