

# 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
- No sealer needed over a stained floor
- Exceptional build with excellent flow and leveling
- Fast drying – approximately 2-3 hours
- Nonflammable with a non-offending odor
- Water clean-up
- Available in Commercial Satin, Commercial Semi-Gloss, and Commercial Gloss

### Technical data

#### **Physical Characteristics:**

**INGREDIENTS:** Water, polymeric resins, dipropylene glycol monomethyl ether, 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** – 230 g/L

**Coefficient of Friction** -  $\geq 0.5$

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

40-45 for Commercial Semi-Gloss

65-70 for Commercial Gloss

**Odor** – Non-offending, slight ammonia

**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

**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

**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

**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® 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 [bona.com](http://bona.com) for additional product and application information.

Finishing



**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. 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. 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 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.

### Maintenance

**CURING:** The curing process takes approximately 7 days, (75% cured after 1 day, 90% after 3 days). The floor may be walked on after 24 hours, but remains susceptible to scuffing or marring until completely cured. Furniture can be moved back in carefully after 3 days. Do not replace area rugs until the floor has fully cured.

**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.

**FLOOR CARE:** Use only a dry Bona Microfiber Mop or cloth for cleaning during the first week. Put walk-off mats at all entrance doorways to keep out excessive dirt and grit. Sweep or vacuum daily and clean as needed with Bona® Hardwood Floor Cleaner. Use felt pads under furniture legs and appliances.

**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
WT154218001	1 Gallon – Gloss	2
WT150318075	1 Gallon – Semi Gloss	2
WT150618075	1 Gallon – Satin	2
<b>Hardener</b>		
WH341047001	12.8oz	1