

Bona Traffic™ Finish

DESCRIPTION:

Bona Traffic™ brand wood floor finish is the latest generation of waterborne polyurethanes. Formulated specifically for heavy traffic commercial and residential hardwood floors, Traffic provides unsurpassed durability in a wood floor finish. For trained experienced professional use only

FEATURES:

- Unsurpassed durability—outperforms moisture cure finishes without the hazardous side effects, and 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
- 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 and Commercial Semi-Gloss
- VOC compliant - VOC does not exceed 240 grams per liter
- Fast drying - Approximately 2-3 hours
- Nonflammable with a non-offending odor
- Water clean-up

RECOMMENDED USE:

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

DIRECTIONS FOR USE:

BEFORE USING, READ ALL DIRECTIONS AND MATERIAL SAFETY DATA SHEET #80305 FOR THIS PRODUCT AND #80320 FOR TRAFFIC HARDENER. For trained experienced professional use only Call BonaKemi USA, Inc. before using for technical advice if needed (800) 872-5515.

BONA TRAFFIC™ is the Environmental Choice. The Environmental Choice® Seal is a registered trademark of BonaKemi USA, Inc. and represents a water-based formula, which meets or exceeds all state and federal clean air quality standards. Do not thin. **KEEP FROM FREEZING.**

RECOATING EXISTING FLOORS

1. Be sure floor is free from wax or oily residue.
2. Use Bona Prep™ system (see label for directions)
3. Apply 1-2 coats of a Bona® finish (see finish directions). NOTE: TRAFFIC will adhere to most stains and finishes after proper preparation and dry times.
 - a) **Always prepare a sample or test area to determine compatibility.**
 - b) **If Recoating a Factory Prefinished Floor**, use the Bona Prep™ system. Follow the label instructions for Bona Prep™, using only Bona Traffic™ or Bona Strong™ finishes.
 - c) Delamination can occur if the Bona Prep™ process is not followed and the floor has not been tested for compatibility.

SANDING AND FINISHING NEW FLOORS

1. Sand and prepare floor using NOFMA-accepted methods.
2. For a **stained floor**, **make** your final cut with 80-grit paper and screen with 80 - 100-grit screen. Apply Bona® DriFast™ Stain. 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 Tampico Brush on buffer and vacuum thoroughly.
4. Tack with a dry Bona® microfiber mop or cloth.
5. If the floor is to be stained, DO NOT USE SEALER. Apply 2 coats of Traffic over thoroughly dried stain. For an unstained floor, apply Bonaseal and then Traffic (see finish directions).

THE TRAFFIC SYSTEM IS A 3-COAT SYSTEM:

One coat of Bonaseal® (unstained floors only); and two coats of TRAFFIC finish. Adding a third coat of finish is recommended in heavy-traffic commercial areas.

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

INTERCOAT ABRASION:

Abrading between sealer or finish coats is not necessary for adhesion unless it has been more than 48 hours since the previous coat has been applied. However, for smoothest results, abrade the Bonaseal coat with a Bona® Conditioning Pad and 1-2 Delta Sheets to eliminate any grain raise. Abrade prior to the final finish coat with just the Bona® Conditioning Pad. Always vacuum and tack thoroughly with a slightly water-dampened Bona® microfiber mop or cloth after abrading.

FINISHING:

SHAKE WELL BEFORE USING.

1. Shake Traffic finish (Part A) well for 30 seconds prior to adding Traffic Hardener (Part B). Mix 1 part Hardener to 10 parts Traffic finish. DO NOT ADD WATER TO HARDENER. One 12.8 oz. bottle of Hardener will activate 1 gallon of finish. To mix finish amounts of less than one gallon, use the 1:10 ratio and the calibrated marks on the side of the jug or use the 1 quart Traffic Mix Bottle. **Immediately shake mixture vigorously for 30-45 seconds and then let sit for 5-10 minutes before applying.**
2. Pour a 6"-8" wide line of the finish along the starting wall. Go with the grain of the wood.
3. Using a clean, pre-dampened applicator draw the applicator forward with the grain of the wood moving the finish toward the opposite wall. Holding the applicator at a "snowplow" angle will maintain a wet edge at all times. (Maintain at least a 3" wide wet edge at all times to ensure proper coverage rate.)
4. At the end of each run, turn the applicator toward you and pad out the applicator parallel to the wet edge.
5. Feather out all turns- If pushed too hard or too fast, drips will fly off the applicator.
6. Missed areas can be touched up if seen right away.
7. TO PREVENT LAPPING AND DRY MARKS, BE SURE YOU ARE USING THE RECOMMENDED COVERAGE OF 350-400 SQ. FT. PER GALLON. DO NOT SPREAD TOO THIN.
8. Allow your first coat to dry 2-3 hours. High humidity and/or low temperature conditions will extend the dry time while increased ventilation and airflow will reduce dry time (recommended conditions of 65-80°F/ 40-60 % relative humidity). For smoothest results, before applying final coat, abrade with a Bona® Conditioning Pad. **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.**
9. **CAUTION** - Do not recap finish/hardener mixture after 4 hours to avoid pressure build-up. Allow mixture to harden completely before disposing of in accordance with local, state and federal regulations.

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 the floor is susceptible to scuffing or marring prior to completion of the curing time. Do not use cleaner during this 7-day curing time. Use only a dry Bona® microfiber mop or cloth for cleaning during the first week.

MAINTENANCE: 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® Swedish Formula® Hardwood Floor Cleaner.

CLEAN UP: Tools should be cleaned with water and stored in the Bona® Applicator Storage Canister

SPECIFICATIONS/PHYSICAL DATA:

Physical Characteristics:

Ingredients - Water, polyurethane resin, N-Methyl-2-Pyrrolidone, and defoaming and leveling agents.

Color - Milky white (wet) **Gloss Level (60°)** - 15-20 for Commercial Satin

pH - 7.9 40-45 for Commercial Semi-Gloss

Solids - 34% (with hardener) **Odor** - Non-offending, slight ammonia

Viscosity - (#4 Ford cup @ 25° C) 16-18 seconds **Flash Point** - N/A

Viscosity with Hardener - (#4 Ford cup @ 25° C) 20-22 seconds **Stability** - 1 year shelf life in unopened container

Density - 8.70 lbs./gallon (1.04 S.G.) **Packaging** - 1-gallon plastic bottle

VOC Compliant - Does not exceed 240 grams per liter
(2.0 lbs. per gallon VOC)

Application Characteristics:

Clarity - Clear when dry **Coverage** - 350-400 square feet per gallon

Leveling - Excellent **Percent Cured After 24 Hours** - 75%, **72 hours** - 90%

Defoaming - Excellent **Maximum Cure** - 100% after 1 week

Drying Time - 2-3 hours

Application Tools - Bona® Brush, flocked foam Bona® Swivel Head Floor Coater, Bona® Swedish Roller

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.

BonaKemi USA, Inc.

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