



Eon 70



70 VOC

DESCRIPTION:

Bona® Eon 70 brand wood floor finish sets the world standard for environmentally responsible waterborne finishes with only 70 grams per liter VOC. Eon 70 provides a natural clear finish with rapid dry time and early scuff and chemical resistance. Eon's early scuff resistance enables you to get back onto the floor quickly.

For professional use only.

FEATURES:

- VOC compliant - dramatically exceeds the national standard at only 70 g/l VOC
- Early scuff and chemical resistance
- Exceptional durability—comparable performance to 2-component solvent-based wood finishes without the potential health risks
- Faster curing rate allows quicker access to the floor
- Exceptional build with excellent flow and leveling
- The application feel of a solvent-based finish
- 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
- Available in satin, semi-gloss, and gloss
- Fast drying - Approximately 2-3 hours
- Nonflammable with a non-offending odor
- Water clean-up

RECOMMENDED USE:

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



DIRECTIONS FOR USE:

BEFORE USING, READ ALL DIRECTIONS AND MATERIAL SAFETY DATA SHEET #80200 FOR THIS PRODUCT AND #80210 FOR EON 70 HARDENER. For professional use only. Call BonaKemi USA, Inc. before using for technical advice if needed (800) 872-5515. BONA® EON 70 is the Environmental Choice. The Environmental Choice® Seal is a registered trademark of BonaKemi USA, Inc. and represents a waterbased formula which meets or exceeds all state and federal clean air quality standards. Nonflammable. Available in Gloss, Semi-Gloss, and Satin. 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: Eon 70 will adhere to most stains and finishes after proper preparation and dry times. **Always prepare a sample or test area to determine compatibility.**

If Recoating a Factory Prefinished Floor, DO NOT USE Bona® Eon 70. Use only Bona Traffic™ or Bona Strong™ finishes with the Bona Prep™ system.

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 Eon 70 over thoroughly dried stain. For an unstained floor, apply Bonaseal® and then Eon 70 (see finish directions).

THE EON 70 SYSTEM IS A 3-COAT SYSTEM: 1 coat of Bonaseal® (unstained floors only); and 2 coats of Eon 70 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 Eon 70 finish (Part A) well for 30 seconds prior to adding Eon 70 Hardener (Part B). Mix 1 part Hardener to 10 parts Eon 70 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 Eon 70 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.**

CAUTION! Do not recap finish/hardener mixture after 4 hours to avoid pressure build-up. Allow mixture to completely harden 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, defoaming and leveling agents.

Color - Milky white (wet)

pH - 7.9

Solids - 33% (with hardener)

Viscosity - (#4 Ford cup @ 25° C) 16-18 seconds

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

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

VOC Compliant - Does not exceed 70 grams per liter (0.6 lbs. per gallon VOC)

Gloss Level (60°) - >88 for Gloss

45-55 for Semi-Gloss

25-35 for Satin

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

Defoaming - Excellent

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.

Coverage - 350-400 square feet per gallon

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

Maximum Cure - 100% after 1 week

BonaKemi USA, Inc.

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