

Bona SuperCourt® Poly 350

Technical Data Sheet

Bona SuperCourt® Poly 350 is a premium quality, oil-modified polyurethane developed specifically for the athletic wood floor market. SuperCourt Poly 350 is low VOC, and provides an extremely tough, high build gloss finish with excellent chemical resistance, protecting against perspiration and routine cleaning. Bona SuperCourt Poly 350 is specially formulated to meet all federal and state clean air quality standards.

- High solids, oil-modified polyurethane
- Provides a tough protective coat
- Provides excellent chemical resistance
- Protects against perspiration and routine cleaning
- Light amber color enhances natural color of wood
- MFMA approved
- Easy to maintain
- Available in gloss
- Will adhere to most solvent-based and waterborne finishes after proper preparation, drying, and curing times

Technical data

Physical Characteristics:

Ingredients – Oil-modified polyurethane resin, mineral spirits (solvent), driers.

Color – Amber

Solids – 52-55%

Viscosity – (#4 Ford cup @ 25° C) approx. 22-26 seconds

Density – 7.6 lbs./gallon (.91 S.G.)

US Regulatory VOC – 350 g/L

Gloss Level (60°) – 90+

Odor – Mineral spirits

Stability – Two-year shelf life in unopened container

Flash Point - 104°F (40°C)

Packaging – 5-gallon pail

Application Characteristics:

Clarity – Clear when dry

Leveling – Good

Defoaming – Excellent

Drying Time – 18-24 hours (based on recommended coverage rate, under ideal conditions)

Application Tools – Brush, lambswool applicator, heavyweight t-bar and Bona Floor Coater Sleeve

Coverage – 600-650 square feet per gallon

Percent Cured After 24 Hours – 50%

Maximum Cure – 2 weeks

Recommended Use

- Basketball courts
- Volleyball courts
- Racquetball, squash and badminton courts
- Multi-purpose gym, stage, aerobic, dance and yoga floors

Directions

BEFORE USING, READ ALL DIRECTIONS AND SAFETY DATA SHEETS. KEEP OUT OF REACH OF CHILDREN.

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

RECOMMENDED TOOLS FOR RECOATING WOOD FLOORS: Existing industry wood floor recoating tools and methods can be used when applying Bona SuperCourt Poly 350 Finish.

For Best Results Use: Bona SuperCourt® Cleaner Concentrate, an auto scrubber with Bona SuperCourt Athletic Floor Care (AFC) Microfiber Scrubbing Pads, Bona SuperCourt Athletic Floor Care Mop System, Bona FlexiSand DCS® Buffer, Bona MultiDisc drive plate, 180-grit Bona Diamond abrasives, Bona DCS Back Vac, a heavyweight t-bar and 18" Bona Floor Coater Sleeve, Bona SuperCourt Poly 350 Finish, a dispensing can, and blue tape.

RECOATING: Evaluate the Floor – Evaluate the entire wood floor for scuff marks, current finish condition/peeling, cupping and other damage, and overall floor appearance. 2. **Prepare the floor** – gather all recommended tools and materials for the job. Secure the work area and post signs on

Finishing



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entrance doors with "Do Not Enter." Use the Bona SuperCourt Microfiber Dusting Pad to dry dust the floor. Remove tape/sticky spots from the floor by cleaning with auto scrubber SuperCourt AFC Microfiber Scrubbing Pads and Bona SuperCourt Cleaner Concentrate. Let dry. 3. **Abrasion** – Once the floor has dried, abrade the floor using the Bona FlexiSand DCS Buffer and DCS Back Vac with 180-grit Bona Diamond abrasives on a Bona MultiDisc. Abrade the entire work area. Work in sections, making sure to overlap sections. (Bona Diamond abrasives will last 4000-6000 square feet before replacement.) 4. **Post-Abrasion Cleaning** – Vacuum and dry tack the entire floor to remove abrasive dust. Auto scrub or wet tack entire floor. 5. **Coating Preparation** – before coating, tape-off floor plates, outlets, or areas needing protection from the floor finish. Strain finish and pour into clean dispensing containers or work from pail. Place finish every 3250 square feet to assist with coverage rate. Have an exit strategy. For more information, and to watch a video on the recoat process: visit www.bona.com.

RECOMMENDED APPLICATORS: Brush, lambswool applicator, heavyweight t-bar and Bona Floor Coater Sleeve.

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

MIXING INSTRUCTIONS: Remove lid and stir thoroughly before use. DO NOT THIN.

FINISHING: 1. Pour a 4"-6" wide line of finish along the starting wall. Go with the grain of the wood, applying a thin, uniform coat. 2. Using a Bona Floor Coater Sleeve on a heavyweight t-bar, draw the applicator forward, with the grain of the wood, moving the finish toward the opposite wall. Hold the applicator at a "snowplow" angle. 3. Avoid leaving puddles or excessive amounts of finish on the floor. 5. BE SURE YOU ARE USING THE RECOMMENDED COVERAGE OF 600-650 SQUARE FEET PER GALLON. 5. Allow first coat to dry thoroughly (approximately 18-24 hours). High humidity and/or low temperature conditions will extend the dry time (recommended conditions of 65-80°F/40-60% relative humidity). 6. For proper adhesion, abrade between all coats of finish. 7. Allow final coat to dry at least 72 hours before use.

INTERCOAT ABRASION: Abrade between all oil-modified sealer and finish coats using 180 or 240-grit Bona Diamond abrasives mounted on 1-2 Bona Conditioning Pads. As an alternative when abrading between coats of finish, use a Bona MultiDisc with 180 or 240-grit Bona Diamond abrasives. Always vacuum and tack thoroughly after abrading. Apply finish coat within 24 hours.

CURING: The curing process takes approximately 14 days. The floor may be walked on after 24 hours, but remains susceptible to scuffing or marring until completely cured. Do not replace athletic mats or area rugs until the floor has fully cured. No wet cleaning during the first week, only dry dust with a Bona SuperCourt Microfiber Dusting Pad. (Do not use dry dust mop treatment chemicals on wooden floors.)

FULL SAND AND FINISH PROCESS: Bona SuperCourt Poly 350 is not recommended over shellac, lacquer sanding sealers, fillers or stains containing stearates. Oil modified finishes will have a slight ambering effect over light colored surfaces. Bona SuperCourt Poly 350 will adhere to most finishes after proper preparation and dry times. ALWAYS PREPARE A SAMPLE OR TEST AREA TO DETERMINE COMPATIBILITY, APPEARANCE AND DESIRED RESULTS. Please follow the Maple Flooring Manufacture Association's (MFMA) *Athletic Maple Floor Resurfacing Specification* at www.maplefloor.org.

DANGER: RAGS, STEEL WOOL OR WASTE SOAKED WITH BONA ALL COURT MAY SPONTANEOUSLY CATCH FIRE IF IMPROPERLY DISCARDED. IMMEDIATELY AFTER EACH USE, PLACE RAGS, STEEL WOOL OR WASTE IN A SEALED, WATER-FILLED METAL CONTAINER.

Maintenance

CLEAN-UP: Clean application tools and equipment with mineral spirits.

STORAGE AND DISPOSAL: Store at room temperature. Keep container closed when not in use. Do not store above 100° F (38° C). Do not transfer contents to other containers for storage and disposal. In case of spillage, absorb with inert material. Dispose of contaminated absorbent, container and unused contents in accordance with local, state and federal regulations.

MAINTENANCE: Place walk-off mats at all entrance doorways to keep out excessive dirt and grit. For best results, see Bona SuperCourt Athletic Floor Care System products for optimal wood floor care.

Order Information

Item #	Size	No./Case
ST750055169	5 Gallons	1

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