

Bona SuperCourt® HD

Technical Data Sheet

The top athletic wood floor finish for durability and appearance. A premium two-component waterborne finish specifically formulated for professional use on maple athletic wood floors, providing a tough, high-build urethane finish.

- 24-hours to play!
- The most durable athletic wood floor finish available
- Non-yellowing – stays clean and clear even after several recoats
- Provides excellent chemical resistance
- Protects against perspiration and routine cleaning
- Easy to maintain
- Available in gloss
- GREENGUARD Gold certified for indoor air quality
- MFMA approved
- Virtually odorless
- Fast drying – Approximately 2-3 hours
- Nonflammable
- Water clean-up
- Will adhere to most solvent-based and waterborne finishes and proper preparation, drying, and curing times
- VOC Compliant, including SCAQMD

Technical data

Physical Characteristics:

Ingredients – Water, Polymeric resin, N-Methyl-2-Pyrrolidone, Dipropylene Glycol Monomethyl Ether and Dipropylene Glycol n-Butyl Ether

Color – Milky, off white (wet)

pH – 8.3

Solids – 30%

Viscosity – (#4 Ford cup @ 25° C) approx. 16 seconds

Density – 8.52 lbs./gallon (1.02 S.G.)

US Regulatory VOC – 275 g/L

Gloss Level – (60°) 88+

Odor – Non-offending

Stability – 1-year shelf life in unopened container

Packaging – 5-gallon plastic pail • Comes complete with crosslinker

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

Coverage – 500-600 square feet per gallon

Percent Cured After 24 Hours – 90%; 100% after 72 hours

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® HD 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, Bona 18" Swivel Head Floor Coater and 18" Bona Floor Coater Sleeve, Bona SuperCourt HD finish, a dispensing can, and blue tape.

Finishing



Bona®

Bona SuperCourt® HD

Technical Data Sheet

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 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. Clean and rinse applicators. Place finish every 2500 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: 18" Bona Swivel Head Floor Coater with a Bona Floor Coater Sleeve.

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

MIXING INSTRUCTIONS: SHAKE OR STIR WELL BEFORE USING. Open the crosslinker bottle and add an equal part water to the crosslinker. Gently rock crosslinker back and forth to mix. Add the crosslinker to Bona SuperCourt HD within 15 minutes. Shake or stir the mixed pail immediately and let sit 5-10 minutes.

FINISHING: 1. Pour a 4"-6" wide line of finish along the starting wall. Go with the grain of the wood. 2. 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 help maintain a wet edge at all times. 3. At the end of each run, turn the applicator and pull it toward you through the puddle and pad out the applicator parallel to the wet edge. 4. Feather out all turns. Do not push too hard or too fast to avoid dripping or splattering. 5. Missed areas can be touched up if seen right away. 6. BE SURE YOU ARE USING THE RECOMMENDED COVERAGE OF 500-600 SQUARE FEET PER GALLON. DO NOT SPREAD TOO THIN. 7. 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). 8. Allow final coat to dry at least 24 hours before use.

INTERCOAT ABRASION: It is not necessary to abrade between coats of Bona SuperCourt HD unless more than 48 hours has passed since the previous coat was applied. For smoothest results, abrade between all coats as necessary with Bona Conditioning Pads or a Bona Multidisc and 240-grit Bona Diamond abrasives.

CURING: The curing process takes approximately 3 days, (90% cured in 24 hours, 100% after 72 hours). Do not replace area rugs until the floor has fully cured. The floor may be played on after 24 hours but remains susceptible to scuffing or marring until completely 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 HD will adhere to most stains, paints, sealers and finishes after proper preparation and dry times. Do not apply Bona SuperCourt HD to raw wood, or wood flooring in which the surface temperature is below 50°F (10° C). Stain, sealer, paint and finish results may vary widely depending on the wood species, especially on oily and resinous types. 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.

Maintenance

CLEAN-UP: Application tools should be cleaned with water and stored in an airtight container. Recycle container when empty.

STORAGE: Nonflammable - Bona SuperCourt HD should be stored in a climate-controlled environment. KEEP FROM FREEZING. Do not store above 100° F (38° C).

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
WT762055008	5 Gallon	1

Finishing



Bona®