

# Bona Sport® Seal

## Technical Data Sheet

Bona Sport® Seal is an oil-modified sealer for sport and all-purpose floors. For use over newly sanded sport floors. Bona Sport Seal meets the federal and most state clean air quality standards.

- Formulated for use with Bona Sport® Poly and Bona All Court® Poly
- Oil-modified polyurethane sport floor sealer
- Seals the wood, providing a build layer and prevents the finish from penetrating
- Does not require thinning under normal environmental and application conditions
- For use over newly sanded sport floors
- MFMA Approved

### Technical data

#### **Physical Characteristics:**

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

**Color** – Light amber

**Solids** – 43%

**Density** – 7.3 lbs./gallon (.88 S.G.)

**US Regulatory VOC** – 500 g/L

**Viscosity** – (#4 Ford cup @ 25° C) approx. 17 seconds

**Odor** – Mineral spirits

**Stability** – Two-year shelf life in unopened container

**Flash Point** – 110° F (42°C)

**Packaging** – 5-gallon pail

#### **Application Characteristics:**

**Clarity** – Clear when dry

**Leveling** – Good

**Defoaming** – Good

**Drying Time** – 8-12 hours

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

**Coverage** – 500-600 square feet per gallon

**Percent Cured After 24 Hours** – N/A

**Maximum Cure** – 2 weeks

### Recommended Use

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

### 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

**COMPATIBILITY:** Bona Sport® Seal will adhere to most stains, paints, sealers and finishes after proper preparation and dry times. 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.

**SANDING AND PREPARATION OF NEW FLOORS:** 1. Sand and prepare floor using MFMA-accepted methods. 2. Make your final cut with 100-120-grit paper. Screen with 100-grit or 120-grit screen or use a Bona MultiDisc and 80-grit or 120-grit Bona Diamond abrasives. 3. Vacuum thoroughly. 4. Tack thoroughly with mineral spirits, a slightly damp Bona SuperCourt® Microfiber Wet Tacking Pad, or a dry Bona SuperCourt Microfiber Tacking Pad. 5. Apply sealer and finish system (see finish directions).

**THE BONA SPORT SEAL SYSTEM:** Bona Sport Seal is a four-coat system: two coats of Bona Sport Seal, CourtLines® Paint or Bona SuperSport Paint®, and two coats of a Bona Sport finish.

**RECOMMENDED APPLICATORS:** Heavyweight t-bar with a 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.

**SEALING:** 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



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applicator forward, with the grain of the wood, moving the sealer toward the opposite wall. Hold the applicator at a "snowplow" angle. 3. Avoid leaving puddles or excessive amounts of sealer on the floor. 5. BE SURE YOU ARE USING THE RECOMMENDED COVERAGE OF 500-600 SQUARE FEET PER GALLON. 5. Allow first coat to dry thoroughly (approximately 8-12 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 sealer.

**INTERCOAT ABRASION FOR FLOORS WITH GAMELINES:** Apply gamelines after the second coat of Sport Seal. Before applying gamelines, abrade the floor using 240-grit Bona Diamond abrasives mounted on a Bona Conditioning Pad. Vacuum and tack thoroughly. Note: If paint will not be applied within 24 hours, the floor must be re-abraded to ensure proper adhesion. Apply gamelines using Bona CourtLines paint or Bona SuperSport Paint according to label instructions. If using another manufacturer's paint, before applying gamelines, always prepare a sample or test area to determine compatibility and adhesion. Always abrade properly dried Bona CourtLines paint using a Bona Conditioning Pad. If using Bona SuperSport Paint, there is no need to abrade if within 48 hours of the previous coat. Always vacuum and tack thoroughly after abrading. Apply finish coat within 24 hours.

**INTERCOAT ABRASION FOR FLOORS WITHOUT GAMELINES:** Abrade Bona Sport Seal using 180 or 240-grit Bona Diamond abrasives mounted on 1-2 Bona Conditioning Pads. Always vacuum and tack thoroughly after abrading. Apply finish coat within 24 hours.

### Maintenance

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

**STORAGE:** 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.

### Order Information

Item #	Size	No./Case
SB750055109	5 Gallons	1

Finishing



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