

Bona Sport®



Sport Poly 350

DESCRIPTION:

Bona® Sport Poly 350 is a premium quality, high solids oil-modified polyurethane developed specifically for the wood sport floor market. Sport 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® Sport Poly 350 is specially formulated to meet all federal and state clean air quality standards.

FEATURES:

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

RECOMMENDED USE:

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

DIRECTIONS FOR USE:

BEFORE USING, READ ALL DIRECTIONS AND MATERIAL SAFETY DATA SHEET #91095.

ABRADE AND RECOAT EXISTING FLOORS: **1.** Be sure floor is free from wax or oily residue. **2.** Use Bona Prep™ system (see label for directions). **3.** Apply finish (see finish instructions).

NOTE: SPORT POLY 350 will adhere to most finishes after proper preparation and dry times. ALWAYS PREPARE A SAMPLE OR TEST AREA TO DETERMINE COMPATIBILITY.

SANDING AND FINISHING: **1.** Sand and prepare floor using MFMA-accepted methods. **2.** Make your final cut with 100 to 120-grit paper. Screen with 100 to 120-grit screen. **3.** Vacuum thoroughly. **4.** Tack dry or with mineral spirits. **5.** Apply sealer and finish system (see directions).

INTERCOAT ABRASION FOR FLOORS WITH GAME LINES: Apply game lines over the sealer coat. Before applying game lines, abrade with a Bona® Conditioning Pad or 120-grit screen and vacuum and tack thoroughly. Apply game lines using Bona CourtLines® sport floor paint. IF USING ANOTHER MANUFACTURER'S PAINT, BEFORE APPLYING GAME LINES, ALWAYS PREPARE A SAMPLE OR TEST AREA TO DETERMINE COMPATIBILITY AND ADHESION. After applying game lines using CourtLines®, abrade dry game lines with a Bona® Conditioning Pad or 120-grit screen. If coating or applying game lines more than 24 hours after abrading, floor must be re-abraded to ensure adhesion of finish. **Always vacuum and tack thoroughly after abrading.** Apply finish coat.

INTERCOAT ABRASION FOR FLOORS WITHOUT GAME LINES: Abrade between all sealer and finish coats of SPORT POLY 350 to ensure adhesion. Always vacuum and tack thoroughly after abrading.

The SPORT POLY 350 System is a 3-4 coat system:

- 1 coat of SPORT SEAL 350
- 2-3 coats of SPORT POLY 350

FINISH INSTRUCTIONS: REMOVE LID AND STIR WELL WITH A PROPER STIRRING DEVICE BEFORE USING.

1. Apply 1 coat of SPORT SEAL 350 according to label directions, followed by 2 coats of SPORT POLY 350. **2.** Apply SPORT POLY 350 with a clean heavyweight synthetic applicator. Go with the grain of the wood applying a thin, uniform coat. **3. Ensure coverage rate of 550 - 600 sq. ft. per gallon is maintained; heavier applications will increase dry times.** **4.** Feather out all applicator marks, turn marks, puddles, etc. **5.** Allow your first coat to dry thoroughly (18 hours under ideal conditions [65-80°F/40-60% relative humidity]). **High humidity and/or low temperature conditions will extend the dry time, while increased ventilation and airflow will reduce dry time.** **6.** For proper adhesion, abrade with a Bona® Conditioning Pad between coats of finish. **7. Always vacuum and tack with water thoroughly after abrading.** Allow final coat to dry a minimum of 72 hours before use.

NOTE: SPORT 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.

CURING: The curing process takes approximately 14 days. 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 replace athletic or walk-off mats until finish is fully cured. Do not clean with water or detergent during the curing process.

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

MAINTENANCE: Put walk-off mats at all entrance doorways to keep out excessive dirt and grit. See BONA® PACIFIC SPORT CLEAN instructions for cleaning and maintenance information.

STORAGE AND DISPOSAL: Keep container tightly closed when not in use. Do not transfer contents to unlabeled containers for storage and disposal. To avoid contamination, do not mix used material into unused material. Do not return used material to original container; instead, use on a different application or dispose of. In case of spillage, absorb with inert material. Dispose of contaminated absorbent, container and/or unused contents in accordance with local, state and federal regulations.

DANGER: RAGS, STEEL WOOL OR WASTE SOAKED WITH SPORT POLY 350 MAY SPONTANEOUSLY CATCH FIRE IF IMPROPERLY DISCARDED. IMMEDIATELY AFTER EACH USE, PLACE RAGS, STEEL WOOL OR WASTE IN A SEALED, WATER-FILLED METAL CONTAINER.

SPECIFICATIONS/PHYSICAL DATA:

Physical Characteristics:

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

Color - Amber

pH - N/A

Solids - 52-55%

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

Density - 7.6 lbs./gallon (.91 S.G.)

Packaging - 5-gallon pail

Gloss Level - (60°) 90+

Odor - Mineral spirits

Flash Point >104°F (PMCC)

Stability - One year shelf life in unopened container

VOC - Does not exceed 350 grams per liter (2.9 pounds per gallon)

Application Characteristics:

Clarity - Clear when dry

Leveling - Good

Defoaming - Excellent

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

Application Tools - heavyweight synthetic applicator

Coverage - 550-600 sq. ft. per gallon

Percent Cured After 24 Hours - 50%

Maximum Cure - 2 weeks

Bona US

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