



Bona Sport® Seal

Oil-modified wood sport floor sealer

Oil-modified sealer for use over newly sanded sport and all-purpose floors



Bona Sport® Seal is formulated for use with Bona Sport® Poly. It seals the wood, providing a build layer and prevents the finish from penetrating. It is suitable for use on basketball courts, multi-purpose gym floors, aerobic, dance and yoga floors, volleyball, and badminton courts.

- Formulated for use with Bona Sport® Poly
- Oil-modified polyurethane wooden sports 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 wooden sport floors

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This data sheet replaces all previous versions; please check bona.com.au to ensure that you have the latest version



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TECHNICAL DATA

Product type:	Oil-modified solvent based polyurethane sealer for sports floors
Solids content:	43%
VOC content:	<500 g/L
Flash Point:	40.5° C
Drying time:	8 – 12 hours (Under normal climatic conditions, 18 - 26° C / 40 - 60% R.H. Low temperatures / high humidity will slow the drying / curing of the finish applications.)
Curing time:	Maximum curing time – 14 days (Assumes normal climatic conditions, 18 - 26° C / 40 - 60% R.H., are maintained at all times)
Application tools:	Heavyweight bar applicator, brush, lambswool pad
Application rate:	12 – 14.75 m ² / L per coat (N.B. Do not thin the product)
Safety:	Classified (See Safety Data Sheet for additional information) Eye contact - flush immediately with water. Get medical attention if irritation occurs. Skin contact - wash thoroughly with soap and water. Inhalation - remove to fresh air. Ingestion - drink 1 or 2 glasses of water to dilute. Do not induce vomiting. Seek medical attention if symptoms persist. N.B. Rags / waste contaminated with Bona Sport Ply may spontaneously ignite. Place rags or other waste into a sealed, water filled metal container. Clean tools and equipment with White Spirit or mineral spirits immediately after use Dispose of rags / cleaning materials safely.
Cleaning:	2 years from date of production in unopened original container
Pack size	19 L pail
Storage/Transport:	Store in a cool well-ventilated place. Keep container closed when not in use. Do not store above 38° C. Do not transfer contents to other containers for storage and disposal.
Disposal:	In case of spillage, absorb with inert material. Waste and emptied containers should be handled in accordance with local regulations.

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PREPARATION

Ensure the floor is acclimatised to its end-use environment, well sanded, dry, and free from sanding dust, oil, wax and other contamination. The final sanding of the surface should be completed using a 100 - 120 grit abrasive. After sanding the surface should be thoroughly cleaned using a pad dampened with White Spirit or mineral spirits or dry tacked to remove all dust from the surface. Allow to dry prior to the application of Bona Sports System.

Bona Sport® Seal will adhere to most stains, paints, sealers and finishes. If using such materials from other suppliers, it is recommended that trials are conducted to ensure compatibility with Bona Sport Seal. In all cases the product datasheets must be consulted, the products applied in accordance with manufacturer's instructions and drying times strictly observed. The results, and appearance, achieved may be affected by wood species, particularly those with a high oil or resin content. N.B. Decisions regarding compatibility and/or suitability of products from other manufacturers with the Bona Sport system are the responsibility of the contractor and Bona cannot support the use of mixed systems.

TREATMENT SCHEDULE

Untreated wood floors:

2 x Bona Sport® Seal

1 – 2 x Bona SuperSport Paint®

2 x Bona Sport® Poly

Note:

Plasticisers from rubber-based adhesives on some line marking tapes can soften and damage polyurethane finishes. Any tapes used should be "low tack" and be in place for as short a time as possible.

APPLICATION

Prior to application stir Bona Sport Seal thoroughly. Mechanical mixing of the product is preferred but care must be taken not to overly aerate the material. Do not thin the product with solvents. If necessary, restir the product periodically during use.

Use a clean applicator for Bona Sport Seal – do not reuse an applicator previously used for finish applications.

- 1) Pour a line of finish along the starting wall, working along the length of the boards; approx. 100 – 150 mm wide.
- 2) Using a heavyweight bar at a 'snowplough' angle apply the finish evenly with a uniform application at the recommended coverage rate of 12 - 14.75 m² / Lt

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- 3) Maintain a 'wet edge' and avoid leaving puddles or excessive amounts of finish on the floor.
- 4) Allow the first coat to dry thoroughly (approximately 8 - 12 hours). Note: High humidity and/or low temperature conditions will extend the dry time (ideal site conditions are 18 – 26° C / 40 - 60% relative humidity).
- 5) It is recommended to abrade between all coats of finish to ensure the best possible level of adhesion is achieved.
- 6) Allow the final coat to dry thoroughly before abrading ready for line marking or application of the finish.

It is recommended that inter-coat abrasion is carried out between all Bona Sport oil-modified coats using 180 or 240 grit abrasives. Bona Diamond Abrasives are the preferred abrasive system. Always vacuum and tack thoroughly after abrading. Apply the following coat of sealer or finish within 24 hours after the completion of the abrasion process.

Once the application of Bona Sport Seal is completed, the floor has dried and been lightly abraded, 2 coats of Bona Sport Poly can be applied. If line marking is to be carried out this should be done before the application of the finish. Newly installed lines should be allowed to dry thoroughly and be lightly abraded prior to them being overcoated. Please consult the Bona SuperSport Line Marking Paint datasheet for further information. If using paints from other suppliers, it is recommended that trials are conducted to ensure compatibility with Bona Sport Poly and Bona Sport Seal.

The information in this document and all other advice and recommendations that we provide to help and assist the applicator are based on previous experience and extensive testing but makes no claim to be complete. Because of the wide range of possible uses and conditions of application of our products, we do not relieve users from the need to carry out their own trials or to seek technical advice from Bona before use. Bona can only guarantee its products and not the construction as a whole. Observe recommendations from flooring manufacturer and the provisions of relevant standards.

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