

BONA SuperSport 2K



Bona SuperSport 2K is a 2-component hardwearing high-build polyurethane finish specifically developed for timber flooring in sports halls. It complies with the European standard for indoor sports surfaces (EN 14904:2006) and provides a safe surface for optimal performance. The Bona SuperSport system is approved by the international basketball association (FIBA) for the highest level of international competitions.

- EN 14904:2006 (European standard for indoor sports surfaces) compliant
- Certified by FIBA for the highest level of competition
- Outstanding resistance to wear and scuff marks
- Easy to maintain
- Suitable for overcoating prefinished floors

Technical data

Type of finish:	2-component water-based 100% polyurethane finish
Solids content:	~31%
VOC:	<40 g / litre (incl. hardener)
Sheen (at 60°):	Gloss ~85%, Matt ~20%
Mixing ratio:	1 Part SuperSport Hardener to 1 Lt SuperSport 2K (4% by vol.)
Pot life:	4 hours at 20° C (shorter if warmer)
Drying time, until:	- Ready for recoating: 2 - 3 hours* - Ready for play: 3 days* - Full hardness: 7 days
	*Under normal climate conditions 20° C / 60% R.H. with reasonable ventilation
Application tools:	Bona Applicator Bar or Bona Roller
Application rate:	8 - 10 m ² / Lt
Safety	Finish: Unclassified Hardener: Classified (see Safety Data Sheet)
Cleaning:	Wipe tools free from residual material. Clean with a minimum of water. Remove dried material with acetone.
Shelf life:	1 year from date of production in unopened original container
Storage/transport:	The temperature must not fall below +5° C or exceed +30° C during storage and transport.
Disposal:	Wastes and emptied containers should be handled in accordance with local regulations.
Pack size	5 litres (4.8 Lt Finish + 0.2 Lt Hardener)
Certifications:	EN 14904:2006 GREENGUARD GOLD

Preparation

Ensure the floor is acclimatized to its end-use environment, well sanded, dry and free from sanding dust, oil, wax and other contamination.

Optimal application conditions are between 18 - 25° C and 30 – 60 % relative air humidity. High temperatures and low humidity will shorten the drying time whilst low temperatures and high humidity will lengthen the drying time.

Minimum temperature for use is 13°C.

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Bona SuperSport 2K can be used for overcoating factory pre-finished and previously finished floors. Floors treated with wax, polish or similar cannot be overcoated. Suitable surfaces must be prepared before coating. An adhesion test must be carried out before proceeding to coat the floor. Detailed overcoating instructions can be found at www.bona.com.au

Treatment schedule

Untreated wood

1 x Bona SuperSport Primer
1 x Bona SuperSport 2K
Light sanding grit 150
1 x Bona SuperSport Line Paint
1 - 2 x Bona SuperSport 2K

Pre-finished / previously finished floors

Cleaning to remove contamination
Light sanding for adhesion and to remove scratches
1 x Bona SuperSport Line Paint
1 - 2 x Bona SuperSport 2K

Important notes:

- Applications of Bona SuperSport Line Paint may require 2 coats, particularly with lighter colours. Please refer to the product datasheet.
- It is not recommended to apply more than two full coats per day due to an increased risk of excessive wood swelling.
- Plasticizers from rubber-based adhesives on some line marking tape can soften and damage polyurethane finishes. Tapes should have a "low tack" and should be in place for as short a time as possible.

Application

1. Determine how much material is required. Shake the bottle thoroughly before decanting any finish.
2. Add Bona SuperSport Hardener (4%) to the finish and immediately shake the mixture thoroughly, for 1 minute. Use the scales on the product bottles. The finish / hardener mixture should be used directly, or at least within 4 hours.
3. Apply the finish using a Bona Applicator Bar or a Bona Roller. Apply with a smooth flowing action avoiding accumulations of finish. Always maintain a "wet edge" to avoid overlaps.
4. Allow to dry properly before applying further coats of finish or paint. Anticipate slightly longer drying time for each coat that is applied. Ensure good ventilation at all times during the drying process.

If necessary, make an intermediate sanding using the Bona abrasives grit P150 (or finer) or a suitable sanding screen. Clean well before applying a final coat of finish. **Note:** If the previous layer of lacquer has been allowed more than 24 hours drying time then an intermediate sanding is always required.

The floor will take light foot traffic approximately 8 hours after the final application. The floor may be played on after 72 hours but remains susceptible to scuffing or marring until completely cured; approx. 7 days. Do not cover the surface until it is fully cured. Dry clean only, to remove dust, and avoid wet cleaning of the floor during the first week.



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Maintenance

Clean the floor with Bona SuperSport Cleaner (frequent use) and Bona SuperSport Deep Clean (for occasional, intensive cleaning if the surface has become slippery). The appearance and condition of the floor should be assessed regularly as part of an ongoing maintenance plan. The floor should be overcoated periodically with additional coats of Bona SuperSport 2K to maintain a safe, slip resistant, high performance surface and to prevent the floor from having to be sanded back to bare wood.

Detailed floor care instructions are available at www.bona.com.au

Please note that whilst Bona finishes are designed to provide a sealed surface that is resistant to wear, scuffing and spillage, etc. no surface applied finish system can prevent physical damage to the timber or 'harden' the floor. Indentations in the wood and scratches may be caused by equipment, dropped items, retractable seating, etc. and steps should be taken to reduce the possibility of this occurring.

Bona finishes are non-yellowing and do not change colour due to the effects of UV light. However, Bona finishes cannot prevent the wood itself changing colour due to tannin bleed, the movement of natural oils or the effects of UV light.

Important notes

The information provided is prepared to the best of our current knowledge and makes no claim to be complete. The User is responsible for establishing that the product and recommendations herein are fit for the designated purpose, wood type and present situation before use. Bona can only guarantee the delivered product. A professional and thereby successful application of the product is beyond our control. If in doubt make a preliminary test. The User is required to read and understand all information contained on package labels and safety data sheets before using this product

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