

Bona Sportive Finish

Technical data sheet

Bona Sportive Finish is a 2-component hardwearing lacquer specially developed for wooden floors in sports halls. It complies with the European standard for indoor sports surfaces (EN 14904:2006) and provides a safe surface for optimal sports performances. Furthermore it is recommended by the international basketball association (FIBA) for the highest level of international competitions. Sportive Finish has excellent levelling properties and is easy to work with on large floor areas. It uses a specially designed 2-component hardening system to provide extra safety margin and secure good results.

- High resistance to wear and scuff marks
- Very good chemical resistance
- Suitable for overcoating prefinished floors
- Complies to EN 14904:2006 (European standard for indoor sports surfaces)
- Meets DIN 18032:2 for slip resistance (German standard for indoor sports surfaces)
- NMP and NEP free

Technical data

Type of lacquer:	2-comp. waterborne 100% polyurethane lacquer
Solids content:	~32%
VOC:	80 g/litre (incl. hardener)
Resistance to wear:	Approx. 5 mg/100 revolutions (SIS 923509)
Sheen (at 60°):	Gloss ~90%, Matt ~20%
Mixing ratio:	1 part Sportive Hardener to 50 parts Sportive Finish (2%)
Pot life:	5 hours at 20°C (shorter if warmer)
Drying time, until:	- Ready for sanding/recoating: 2½-3 hours* - Light use: 72 hours* - Full hardness: 7 days*
	<i>*under normal climate conditions, 20 °C/60% R.H. Ensure good ventilation at all times during use.</i>
Application tools:	Bona Applicator Bar or Bona Roller
Application rate:	8-10 m ² /litre (120-100g/m ²) per coat
Safety	Lacquer: Unclassified Hardener: Classified (see Safety Data Sheet)
Cleaning:	Wipe tools free from residual material before cleaning with a minimum of water. Dried material can be removed 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 +25°C during storage and transport.
Disposal:	Wastes and emptied containers should be handled in accordance with local regulations.
Pack size	2 x 10,4 lit incl. hardener (24 boxes per pallet)

Preparations

Prior to application the surface must be pre-treated with Bona Sportive Primer. Ensure floor is acclimatized to its end-use environment, well sanded, dry and free from sanding dust, oil, wax and other contamination. Allow lacquer and hardener to reach room temperature, insert filter and shake the container thoroughly before use.

Optimal application conditions are between 18-25°C and 30-60% relative air humidity. High temperatures and low humidity shorten, low temperatures and high humidity lengthen drying time. **Minimum temperature for use is 13°C.**

Preparation of previously lacquered floors

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Bona Sportive Finish can be used for overcoating factory pre-finished and previously lacquered floors **but satisfactory adhesion must be tested and secured prior to use!** Floors treated with wax, polish or similar can not be overcoated. Suitable surfaces are pre-treated with Bona Prep before coating. A detailed overcoating instruction is available for download at www.bona.com.

Treatment schedule

Untreated wood:

- 1x Bona Sportive Primer
- 1x Bona Sportive Finish
- Light sanding grit 150
- 1-2x Bona Sportive Paint
- 1-2x Bona Sportive Finish

Previously lacquered surfaces:

- 1x Bona Prep System
- 1-2x Bona Sportive Paint
- 1-2x Bona Sportive Finish

Important notes:

- It is not recommended to apply more than two full coats per day due to increased risk of excessive wood swelling.
- Plasticizers from rubber-based adhesives on some types of line marking tape can soften and damage polyurethane lacquers. Tapes used should have a “low tack” and should be in place for as short a time as possible.

Application

1. Add 2% Sportive Hardener to the lacquer and immediately shake the mixture thoroughly, for 1 minute. The mixture of lacquer/hardener should be used directly or at least within 5 hours.
2. Apply the lacquer using a Bona Applicator Bar or a Bona Roller. Roll with a smooth flowing action avoiding accumulations of lacquer. Always maintain a “wet edge” to avoid overlaps.
3. Allow to dry properly before applying further layers of lacquer or paint. Anticipate slightly longer drying time for each layer that is applied. Ensure good ventilation at all times during the drying process. If necessary make an intermediate sanding using a screen or the Bona Scrad System grit P150 (or finer) and remove dust before applying a final layer of lacquer. **Note:** If the previous layer of lacquer has been allowed more than 24 hours drying time then an intermediate sanding is always required.

Floor will take light foot traffic approximately 8 hours after the final application but the floor should be allowed 72 hours drying before being taken into use. Allow surface to dry for at least 1 week before covering with carpets or other floor coverings, or loading with heavy objects. Also avoid damp mopping the floor during this time.

Maintenance

Clean the floor with Bona Sportive Cleaner (frequent use) and Bona Sportive Cleaner Plus (for periodic, intensive cleaning if the surface has become slippery). To uphold a safe and professional looking surface, and to avoid having to sand back to bare wood again, the floor should be overcoated at intervals with additional coats of Sportive Finish. The frequency of this operation depends on the level of wear but would typically be between every 1-3 years.

NB: The use of adhesive tape can damage the dry laquer.

Detailed maintenance instructions are available at www.bona.com

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Important notes

The information provided is prepared to the best of our current knowledge and makes no claim to be complete. 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. 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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