

# Bona SuperSport HD

## Technical data sheet

Premium two-component waterborne wood floor lacquer specifically formulated for professional use on wood sport floors. Provides a tough, high-build polyurethane finish in compliance with the European standard for indoor sports surfaces. Clear, non-yellowing formula.

- Outstanding resistance to wear and scuff marks
- Easy to maintain
- Recommended by FIBA for highest level of competition

### Technical data

Type of lacquer:	2-comp. waterborne 100% polyurethane lacquer
Solids content:	32%
VOC	max. 50 g/litre (incl. hardener)
Sheen (at 60°):	Matt ca. 20%; Gloss ca. 85%
Mixing ratio:	1 part Hardener to 1 litre SuperSport HD or 0.41 L Hardener to 4,59 L SuperSport HD (≈8 vol%)
Pot life:	3 hours at 20°C (shorter if warmer)
Dilution:	If required, dilute with 4% Bona Retarder for a longer open time
Drying time, until:	- Ready for recoating: 3 hours* - Ready for sanding: 12 hours* - Ready for play: 3 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 <sup>2</sup> /litre (120-100g/m <sup>2</sup> ) 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:	3 x 5 lit incl. hardener (36 boxes per pallet)
Certification:	EN 14904:2006; compliant FIBA Certified

### Preparation

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

Bona SuperSport HD can be used for overcoating factory pre-finished and previously lacquered floors but satisfactory adhesion must be tested and secured prior to use! For overcoating, follow the overcoating instruction provided separately.

Finishing



**Bona**<sup>®</sup>

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Finishing



### Treatment schedule

#### Untreated wood:

- 1x SuperSport Primer
- 1x SuperSport HD
- Light sanding grit 150
- 1-2x Pure Colour (for zones, areas)
- 1x SuperSport Line Paint
- 1-2x SuperSport HD

#### Pre-finished wood surfaces:

- Cleaning and superficial sanding
- 1-2x Pure Colour (for zones, areas)
- 1x SuperSport Line Paint
- 1-2x SuperSport HD

#### 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 8% SuperSport HD 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 3 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. Always ensure good ventilation during the drying process. If necessary, make an intermediate sanding using Bona Abrasives 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. For paint, the limit is 12 hours.

The curing process takes approximately 3 days, (90% cured in 24 hours, 100% after 72 hours). Do not cover the surface until the floor has fully cured. The floor may be played on after 24 hours but remains susceptible to scuffing or marring until completely cured. During the first week, no wet cleaning, only dry dust.

### 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 HD to maintain a safe, slip resistant, high performance surface and to prevent the floor from having to be sanded back to a raw surface.

Detailed maintenance instructions are available at [www.bona.com](http://www.bona.com)

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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