

Bona SuperSport ONE

Technical data sheet

One-component sport lacquer with oxygen crosslinking technology for durability and appearance. Premium, waterborne wood floor finish specifically formulated for professional use on wood sport floors. Provides a tough, polyurethane finish with good build. Compliant with the European standard for indoor sports surfaces for safe play.

- High resistance to wear and scuff marks
- Classified EC1 for low indoor air emissions
- Recommended by FIBA for highest level of competition

Technical data

Type of lacquer:	Waterborne 1-component oil-modified polyurethane topcoat
Solids content:	32%
VOC:	max 60 g/lit
Sheen (at 60°):	Matt ~20%, Gloss ~90%
Dilution:	If required, dilute with 4% Bona Retarder for longer open time
Drying time, until:	- Ready for recoating: 2½-3 hours* - Ready for sanding: 12 hours* - Ready for play: 5 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	Unclassified
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 lit
Certification:	EN 14904:2006; compliant FIBA Certified Emicode; EC1

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 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.**

Treatment schedule

Untreated wood:

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

Finishing



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Finishing



- 1x SuperSport Line Paint
- 1-2x SuperSport ONE

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. 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.
2. 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 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. For paint, the limit is 12 hours.

The curing process takes approximately 5 days, (70% cured in 24 hours, 90% after 72 hours). Do not cover the surface with sport matting, cushions and similar until the floor has fully cured. The floor may be walked on after 24 hours but remains susceptible to scuffing or marring until completely cured. During the first week, do not wet cleaning, only dry clean to remove dust, etc.

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 ONE 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

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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