



Bona SuperSport HD

TWO COMPONENT, WATERBORNE COATING

Great surface for great games.



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.

- Outstanding resistance to wear and scuff marks
- Easy to maintain
- Recommended by FIBA for the highest level of international competition including the Olympic games.

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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:	2-component waterborne polyurethane lacquer
Solids content:	32%
Sheen (at 60°):	Gloss: 85% Matt: 20% (on glass)
Mixing ratio:	1 part hardener to 1 litre SuperSport HD 0.4 L hardener to 4,6 L SuperSport HD (≈8 vol%)
Pot life:	max. three hours at 20° C (shorter if warmer)
Dilution:	If required, dilute with 4% Bona Retarder for longer open time (see separate data sheet).
Drying time, until:	Recoating: 2 - 3 hours* Light use: 8 hours* Ready for play: 3 days* (see additional note under Application below) *under normal climate conditions, 20° C / 60% R.H.
Application tools:	Bona Microfleece Roller or Bona Swivel Head Bar Applicator.
Application rate:	8 - 10 m ² / litre per coat
Safety	Coating: Unclassified Hardener: Classified. (see Safety Data Sheet)
Cleaning:	Wipe tools free from residual material. Cleaning with a minimum of water. Removed dried material with acetone.
Shelf life:	Lacquer: 1 year from date of production in unopened original container. Hardener: 18 months 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:	Waste and emptied containers should be handled in accordance with local regulations.
Pack size	5 litres incl. hardener (0,4 L)
Certificates:	EMICODE; EC2 low indoor emission GREENGUARD Gold EN 14904:2006 FIBA Certified.

Additional detailed information is noted in the appropriate Safety Data Sheet.



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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.

Allow the lacquer and hardener to reach room temperature. Shake the container well. Add the hardener, insert filter and shake the container thoroughly again before use. Optimal conditions for use are between 18 - 25° C and 30 - 60% relative air humidity. High temperatures and low humidity shorten drying times whilst 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 prefinished and previously lacquered floors, but satisfactory adhesion must be tested and secured prior to use! For overcoating, follow the overcoating instructions - provided separately.

TREATMENT SCHEDULE Alternatives

Untreated wood:

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

Prefinished wood surfaces:

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

Observe: It is **not** recommended to apply more than two full coats of primer and/or lacquer per day due to risk of excessive wood swelling. Ensure good ventilation during drying. Poor drying conditions may reduce product performance and adhesion.

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

APPLICATION

- 1) Shake the lacquer container and add 8% Bona SuperSport HD Hardener – see above in Technical Data. Immediately shake the mixture thoroughly for one minute. Use the mixture within 3 hours.
- 2) Apply using a Bona Roller or Bona Swivel Head Bar Applicator at 8 - 10 m² / litre. Care should be taken to achieve a uniform level of application. Always maintain a "wet edge" to avoid overlaps.
- 3) Allow each application to dry thoroughly 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.



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- 4) If necessary, make an intermediate sanding using Bona Abrasives P150 grit (or finer) and remove dust before applying a 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 overcoating Bona SuperSport Line Paint, the limit is 12 hours.

The curing process takes approximately three 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, only dry dust the surface; do not wet clean.

RECOATING

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 recoating instructions are available as part of the maintenance instructions guide for Bona SuperSport HD at www.bona.com.au

MAINTENANCE

Cleaning with the correct products is easy; When you choose Bona cleaning and maintenance products you can relax knowing that you have chosen the best possible product to help you care for your floor.

End user maintenance instructions are available for Bona SuperSport HD at www.bona.com.au. **Please print out a copy of the instructions and give it to the end user.**

IMPORTANT!

- Plasticisers, found in materials such as matting, protective feet for equipment, etc. can lead to softening and discolouration. Exposure to rubber materials, such as wheel coverings / tyres, etc. can lead to permanent, irreversible discolouration of the surface. Use protection or completely avoid contact.
- Spills should be removed promptly. Unattended spills may cause cosmetic stains or damage the surface. Please note that whilst Bona lacquers 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 furniture, dropped items, dog claws, etc. and steps should be taken to reduce the possibility of this occurring.

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.