

Bona SuperSport Pure HD

TWO COMPONENT, WATERBORNE COATING

Great resilient surface for great games.



Hard-wearing PUR-coating for treating resilient floor coverings on base of PVC, rubber or linoleum in sport environments.

Bona SuperSport Pure HD is a hard-elastic coating that serves as long-term surface protection, restoring appearance and friction, and simplifying routine maintenance. It consists of a waterborne, clear and non-yellowing formula.

- Tough protection for sport floors
- Fast-drying
- Optimal levelling properties
- Compliant to EN 14904:2006

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TECHNICAL DATA

Product type / base:	2-component waterborne polyurethane lacquer
Solids content:	approx. 32%
Sheen at 60°:	Matt: approx. 20% (on glass)
Mixing ratio:	1 part hardener to 1 litre Bona SuperSport Pure HD or 0.45L hardener to 4,55L Bona SuperSport Pure HD (≈9 vol%)
Pot life:	max. 4 hours at 20°C (shorter if warmer).
Dilution:	Do not dilute. However up to 4% Bona Retarder can be added for extra open time.
Drying time:	Next coat: 2-3 hours* Walkable: 6 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 (11mm pile)
Application rate:	8-10 m ² /litre (100-120g/m ²) per coat.
Safety:	Coating: 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, dispose of all waste at an approved waste disposal facility - do not pour down drains or sewers.
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. Store in a cool place.
Disposal:	Containers with a minimal amount of dried material may be recycled. All waste must be disposed of at an approved waste disposal facility - do not pour down drains or sewers. Follow all local waste regulations.
Pack size:	3 x 5 litres incl. hardener (0,45 lit)
Certificates & standards:	EMICODE; EC 1 – Very low indoor emissions GREENGUARD Gold EN 14904:2006 FIBA - Approved Qualifies for LEED and BREEAM points

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

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PREPARATION

Ensure floor is acclimatised to its end-use environment, well sanded, dry, and free from sanding dust, oil, wax and other contamination. Bona SuperSport Pure HD is intended for resilient floorings consisting of PVC, Linoleum or Rubber. For other surfaces proceed with care and carefully evaluate the compatibility before deciding to treat it. Bona cannot guarantee the functionality to surfaces outside the target of the product.

Care must be taken to ensure that the flooring is completely free of any contamination that will impair the adhesion of Bona SuperSport Pure HD. Removal of any prior polish, care treatment or other contamination is a vital step in ensuring the successful application of Bona SuperSport Pure HD. Bona has developed several possible solutions depending on the flooring type and equipment available. Please consult the guide “Best practices for Floor Renewal” which is available under

“Documents” on the Bona SuperSport Pure HD product page at bona.com for a full description of all recommended solutions.

Always test and evaluate the adhesion to ensure compatibility to the surface before treating the whole floor. Allow lacquer and hardener to reach room temperature. Optimal conditions for use are between 18-25°C and 30-60% relative 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 coated floors

Bona SuperSport Pure HD can be used for overcoating factory finished and previously coated floors, but satisfactory adhesion must be tested and secured prior to use.

TREATMENT SCHEDULE

Renovation of PVC, Vinyl & Rubber sports floors:

1-2 x Bona SuperSport Zone Paint (optional)
1 x Bona SuperSport Line Paint
1-2 x Bona SuperSport Pure HD

Renovation of Linoleum sports floors:

1 x Bona LinoPrime
1-2 x Bona SuperSport Zone Paint (optional)
1 x Bona SuperSport Line Paint
1-2 x Bona SuperSport Pure HD

Re-coating (periodic maintenance)

1 x Bona SuperSport Pure HD

Note: Plasticisers from rubber-based adhesives on some types of line marking tape can soften and damage polyurethane lacquers. Tapes used should be “low tack” and should be in place for as short a time as possible.

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APPLICATION

1) Shake the lacquer can and then add the hardener component. Immediately proceed to shake the mixture vigorously for one minute. Use the mixture directly or at least within four hours. If mixing smaller quantities of lacquer, then one section on the hardener bottle corresponds to 1 litre of lacquer.

2) Apply Bona SuperSport Pure HD using a Bona Microfleece Roller (11 mm pile) at approx. 8-10 m²/litre. Roll crosswise with a smooth flowing motion avoiding accumulations of product.

3) Additional applications of Bona SuperSport Pure HD

should be carried out between 2-24 hours after the application of the prior coat. After this time, it's necessary to make an intermediate sanding with a Bona Scrad Pad or similar before applying additional layers. Carefully remove any dust produced from the sanding.

The curing process takes approximately 3 days, (90% cured in 24 hours, 100% after 72 hours) in good conditions. Do not cover the surface until the floor has fully cured. The floor may be walked on after 6 hours but remains susceptible to scuffing or marring until completely cured. Avoid wet cleaning until fully cured.

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 Pure HD to maintain a safe, slip resistant, high performance surface and to prevent extensive damage. Maintenance instructions are available at the Bona SuperSport Pure HD product page on bona.com. Please give the end user a digital or print copy.

IMPORTANT!

Plasticisers found in materials such as carpet underlays, castors and adhesives used for fixing can lead to softening and discolouration. Exposure to hair dyes or rubber tyres on cars, cycles and gymnastic equipment,

can lead to permanent discolouration of the surface. Use protection or avoid exposure completely.

Spills should be removed promptly. Unattended spills may cause cosmetic stains or damage the surface.

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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.