

Bona SuperSport Pure HD

Technical data sheet

Bona SuperSport Pure HD is a hard-elastic and hardwearing PUR coating for the treatment of resilient floor coverings in sport halls. It serves as a longterm surface protection while restoring appearance, safe friction and simplifying routine maintenance. Bona SuperSport Pure HD consists of a waterborne, clear, non-yellowing formula.

- Tough PUR protection for resilient sport floors
- Rapid drying for minimal downtime.
- Optimal application and levelling properties
- Compliant to EN 14904:2006 (Indoor Sport Surfaces)
- FIBA approved for highest level of competition

Technical data

Type of coating:	2-component waterborne polyurethane topcoat
Solids content:	approx. 45% (incl. hardener)
VOC:	<1%
Sheen (at 60°):	18% (Matt)
Mixing ratio:	1 part Bona R Hardener (0,45L) to 10 parts Bona SuperSport Pure HD (4,55L) = 9 vol%
Pot life:	max. 2 hours at 20°C (shorter if warmer)
Dilution:	Do not dilute
Drying time, until:	- Ready for recoating: 2-4 hours* - Ready for sanding: 12 hours* - Ready for play: 3 days* <i>*under normal climate conditions, 20 °C/60% R.H.</i>
Application tools:	Bona Polyester Roller (11 mm pile)
Application rate:	8-10 m ² /litre (120-100g/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.
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 litres incl. hardener
Certification:	Compliant to EN 14904:2006 and DIN 18032:2; indoor sports EC1 ^{PLUS} ; Very low emission and indoor air pollution GreenGuard; Indoor air quality FIBA Certified EN 13501-1, Reaction to Fire

Preparations

Clean the surface according to the degree of soiling and requirements. Particularly, take note about the stripping process with Bona PowerRemove R. In general, the floor should be well sanded, dry and free of old care product, sanding dust, oil, wax and other contaminants.

Optimal processing conditions are between 15-20°C and 30-60 % relative air humidity. High temperatures and low humidity reduce the drying time, while low temperatures and high humidity increase the drying time.

Resilient
System



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Treatment schedule

Renovation (general system)

- 1-2x Bona Pure Colour for zones(optional)
- 1x Bona SuperSport Line Paint
- 1-2x Bona SuperSport Pure HD

Renovation of Linoleum:

- 1x Bona LinoPrime
- 1-2x Bona Pure Colour for zones(optional)
- 1x Bona SuperSport Line Paint
- 1-2x Bona SuperSport Pure HD

Renovation Rubber:

- 1-2x Bona Pure Colour for zones(optional)
- 1x Bona SuperSport Line Paint
- 2x Bona SuperSport Pure HD

Re-coating (for maintenance):

- 1x Bona SuperSport Pure HD

Application

1. Shake the lacquer thoroughly and pour the material into a Bona RS Mixing Bucket.
2. Slowly add one bottle of Bona R Hardener into the bucket while machine stirring. Stir thoroughly for at least 1 minute. **Note: The hardener must not be added directly to the lacquer can.** Only external mixing is possible. If mixing smaller quantities of lacquer, make sure that the correct relation between hardener and lacquer is observed. Allow the mixture to react for at least 5 minutes before using. Use the mixture within the recommended pot life.
3. Apply Bona SuperSport Pure HD using a Bona Polyester Roller (11 mm pile). Roll with a smooth flowing motion crosswise and avoiding accumulations of product. The consumption should be approx. 100-120 g/m²

If a second application is required, it should be carried out between 2 and max 12 hrs following the previous coat. After this time frame (>12 hrs.) intermediate sanding with a Bona Scrad Pad is necessary. Clean the surface afterwards by vacuuming and damp cleaning.

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 Pure 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.

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, floor 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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