

# Bona Pure

## Technical data sheet

Resilient  
System



Bona Pure is a hard-elastic and hardwearing PUR coating for the treatment of resilient floor coverings. It serves as a long-term surface protection for heavily trafficked industrial and commercial areas, restoring appearance and simplifying routine maintenance. Bona Pure consists of a waterborne, clear, non-yellowing formula.

- Hardwearing PUR protection for resilient floors
- Strong resistance to common disinfectants
- Ultra-quick drying for minimal downtime.
- Optimal application and levelling properties
- Low slip potential and slip resistance compliant to indoor sports surfaces

### Technical data

Type of coating:	2-component waterborne polyurethane topcoat
Solids content:	approx. 40%
Sheen (at 60°):	Extra Matt: approx. 8%, Matt: approx. 20% (measured on glass)
Mixing ratio:	1 part Bona Pure Hardener to 10 parts Bona Pure
Pot life:	max. 2 hours at 20°C (shorter if warmer)
Dilution:	Do not dilute
Drying time, until:	- Overcoatable: approx. 2-4 hours* - Full hardness: approx. 5-7 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 <sup>2</sup> /litre 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
Certificates:	EMICODE; class EC1R <sup>PLUS</sup> – Very low indoor emissions GreenGuard; indoor air quality EN 71-3: Application on children's toys DIN 51 130; R9 - Low slip potential EN 14904:2006; - Friction suitable for indoor sports surfaces DIN 18032:2; - Friction suitable for indoor sports surfaces

### Preparations

In conjunction with the certified training and the Bona Resilient reference manual. Clean the surface according to the degree of soiling and requirements. Particularly, take note about the stripping process with Bona Remove R or Bona PowerRemove R. In general, the floor should be well sanded, dry and free of sanding dust, oil, wax and other contaminants. The last sanding step should always be carried out with the Bona Diamond System (grit 120) using wet sanding technique. Linoleum, Marmoleum and Compressed Particle Rubber floors should be treated with Bona LinoPrime prior to application of Bona Pure. Please observe separate instructions for Bona LinoPrime.

Optimal processing conditions are between 18-25°C and 40-60 % relative air humidity. High temperatures and low humidity reduce the drying time, while low temperatures and high humidity increase the drying time.



### Treatment schedule

#### **Renovation Rubber/PVC**

2x Bona Pure  
Colour  
1x Bona R Creative  
Chip  
2x Bona Pure

#### **Renovation of Linoleum\Marmoleum\Compressed Particle Rubber:**

1x Bona LinoPrime  
2x Bona Pure  
Colour  
1x Bona R Creative  
Chip  
2x Bona Pure

#### **Renovation Concrete\Cementitious**

1x Strongbond Bonafide  
2x Bona Pure  
Colour  
1x Bona R Creative  
Chip  
2x Bona Pure

\*Above assumes preparation steps such as stripping and neutralising stages have been completed.

### Application

1. Note that this system can only be installed by Look Floors Certified applicators and should be installed with strict accordance to training and reference manuals.
2. Shake Bona Pure thoroughly and pour the material into a Bona mixing bucket.
3. Slowly add one bottle of Bona Pure hardener into the bucket while machine stirring the mixture thoroughly for at least 1 minute. Note: The hardener must not be added directly to the finish can. Only external mixing is possible. If mixing smaller quantities of finish make sure that the correct relation between hardener and finish is observed. Allow the mixture to react for at least 5 minutes before using. Use the mixture within the recommended pot life.
4. Apply Bona Pure using a Bona Microfiber Roller (11 mm). Roll with a smooth flowing motion crosswise and avoiding accumulations of product. The consumption is approx. 100-120 g/m<sup>2</sup>

If exceeding 24 hrs. between coats then an intermediate sanding with Bona Scrad Pad is necessary to create a suitable surface key. Clean the surface afterwards by vacuuming and damp cleaning.

To support and to speed up the drying process, suitable ventilators can be used.

### Maintenance

Clean the surface with Bona Clean R50. Please observe respective technical data sheets and the separate instructions for care and cleaning.

## Interactions

- Materials such as carpet underlays, furniture legs, castors and adhesives used for fixing can lead to softening and discolouration. Exposure to hair dyes or rubber tyres on cars, cycles and baby strollers can lead to permanent, irreversible discolouration of the surface.
- Although Bona Pure has an excellent resistance to most chemicals including aggressive cleaners and disinfectants; unattended spills of wine, coffee, tea and similar beverages can cause a persistent, cosmetic stain in the surface. Where increased risk of this type of spillage exists, it is advised to only combine Bona Pure with colours on the dark side of the colour spectrum and avoid light coloured backgrounds completely, as well as taking measures to ensure that spills are removed promptly.

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, flooring 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.

**Bona**<sup>®</sup>