

Bona Pure HD

TWO COMPONENT, WATERBORNE TOP COAT

Exceptionally hardwearing topcoat for resilient flooring with simplified maintenance



Hard-elastic and hardwearing PUR-coating for renovation of resilient floor coverings on base of PVC, rubber or linoleum.

Particularly suitable for thin, hard-elastic flooring in locations exposed to high wear with excellent resistance to scratches and scuffs. Reduces porosity thus helping to simplify routine maintenance and keeping good floor hygiene. The new updated formula now offers an even better chemical resistance. Waterborne, clear, non-yellowing formula.

- Excellent wear & chemical resistance
- Back on the floor after 12 hours
- Long-lasting protection
- Optimal application and levelling properties

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TECHNICAL DATA

Product type / base:	2-component waterborne polyurethane topcoat.
Solids content:	approx. 32%
Sheen at 60°:	Silk Matt 40%, Matt 20%, Extra Matt: 10% (on glass)
Mixing ratio:	1 part Bona Pure HD Hardener to 11 parts Bona Pure HD (≈8.2 vol%)
Pot life:	max. 3 hours at 20°C (shorter if warmer).
Dilution:	Do not dilute.
Drying time:	Until next coat: 2-3 hours* Full use: 12 hours* Full hardness: 3 days* * under normal room conditions, 20°C/60% R.H.
Application tools:	Bona Microfleece Roller (11 mm pile)
Application rate:	8-10 m ² /litre (100-120 g/m ²) per coat.
Giscode:	W2/DD+
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 (0,41 lit)
Certificates & standards:	EMICODE EC 1 Very low emission GREENGUARD Gold Certified DIN 51 130; R9 - Low slip potential Qualifies for LEED and BREEAM points

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

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PREPARATION

Care must be taken to ensure that the flooring is completely free of any contamination that will impair the adhesion of Bona Pure HD topcoat. Removal of any prior polish, care treatment or other contamination is a vital step in ensuring the successful application of Bona 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 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.

Optimal processing conditions are between 18-22°C and 40-60 % relative humidity. High temperatures and low humidity reduce the drying time, while low temperatures and high humidity increase the drying time.

TREATMENT SCHEDULE

Renovation of PVC or Rubber flooring:

1-2x Bona Pure Colour (optional)
1-2x Bona Pure HD

Re-coating:

1x Bona Pure HD

Renovation of Linoleum flooring:

1x Bona LinoPrime
1-2x Bona Pure Colour (optional)
1-2x Bona Pure HD

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APPLICATION

1) Shake the lacquer can and add one bottle of hardener. Immediately shake the mixture vigorously for 1 minute and then insert the enclosed filter. If mixing smaller quantities of lacquer then pour the required amount of lacquer into a separate can. 1 litre of lacquer corresponds to one part of hardener.

2) Apply Bona Pure HD using a Bona SuperCoat Roller (11 mm). Roll with a smooth flowing motion crosswise and avoiding accumulations of product. The consumption should be approx. 100-120 g/m².

Allow to dry properly before applying further layers.

Anticipate slightly longer drying time for each layer that is applied.

3) If the previous layer of lacquer has been allowed more than 24 hours drying time, then it is required to make an intermediate sanding with a Bona Scrad Pad.

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.

To support and to speed up the drying process, suitable ventilators are recommended

WARNING: Linoleum & other porous floorings readily absorb water. If a chemical or wet removal of old polish or other care product is made, the floor must be allowed a minimum of 24 hours drying time in good conditions. To support the drying process, ventilators and heaters can be used. Observe that residual water and cleaning chemicals in the flooring may cause adhesion failure!

MAINTENANCE

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. Cleaning with the correct products is easy; End user

maintenance instructions are available at the Bona Pure HD product page on bona.com. Please give the end user a digital or print copy.

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IMPORTANT!

1) Plasticisers found in 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.

2) Although Bona Pure HD has 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 HD 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.

3) Due to the specific make up of PU flooring there is a risk of migration of components in the flooring that may cause discolouration. For this reason, we do not recommend the use of Bona Pure HD on PU flooring.

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.