

Bona Pure Colour

TWO COMPONENT, WATERBORNE FLOOR PAINT

Floor paint with excellent adhesion and hide



Bona Pure Colour ensures a quick application process with accelerated drying properties and being heavily pigmented for coverage in a single coat. The Bona Pure Colour collection has been expertly developed through modern evidence-based colour psychology. By incorporating natural elements colour can profoundly enhance well-being and improve physical health. Must be overcoated by Bona Pure HD

- Heavily pigmented for excellent hide
- Hardwearing PUR protection
- For use in heavy-traffic areas

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TECHNICAL DATA

Product type / base:	2-component waterborne polyurethane paint
Sheen at 60°:	Matt: approx. 20% (on glass)
Mixing ratio:	1 part Bona R Hardener to 10 parts Bona Pure Colour (≈9,1 vol%)
Pot life:	max. 2 hours at 20°C (shorter if warmer)
Dilution:	Do not dilute, however 4% Bona Retarder can be added for extra open time.
Drying time:	- Next coat: 2-4 hours ¹ - Full hardness: 3 days ¹ ¹ under normal room conditions, 20°C/60% R.H.
Application tools:	Bona SuperCoat Roller (11 mm pile).
Application rate:	12-15m ² /litre (70-90 g/m ²) per coat.
Safety:	Paint: 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:	2 years 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 1PLUS – Very low indoor emissions. GREENGUARD Gold Certified. EN 71-3: Application on children's toys. Qualifies for LEED & BREAAAM 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 Colour. Removal of any prior polish, care treatment or other contamination is a vital step in ensuring the successful application of Bona Pure Colour. 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 Colour 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.

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 any residual water and cleaning chemicals in the flooring may cause adhesion failure!

Due to the specific make up of cast in-situ 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 Colour on cast-in-situ PU flooring.

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 Rubber/PVC

1-2x Bona Pure Colour
1-2x Bona Pure HD

Renovation of Linoleum

1x Bona LinoPrime
1-2x Bona Pure Colour
1-2x Bona Pure HD

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APPLICATION

- 1) Check the colour code and the batch number on the paint container. Only use paint from the same batch number on the same floor. Alternatively, the entire amount of paint that is to be used can be carefully mixed together in a separate container to ensure colour consistency.
- 2) Mix the paint thoroughly and pour the required amount into a separate container such as a Bona Mixing bucket.
- 3) While machine stirring, slowly add 9% Bona R Hardener (one full bottle per bucket) into the mixing bucket. Stir thoroughly for at least 1 minute.
- 4) Allow the mixture to react for at least 5 minutes prior to application and use the mixture within the recommended pot life of 2 hours.
- 5) Apply the mixed paint using a Bona SuperCoat Roller (11 mm pile) at approx. 12-15 m²/L. Roll crosswise with a smooth flowing motion avoiding accumulations of product.
- 6) Additional applications of Bona Pure Colour should be carried out between 2 and maximum 12 hours after the application of the earlier coat. If the previous layer of Bona Pure Colour has been allowed more than 12 hours drying time, then a light intermediate sanding with a Bona Scrad Pad must be made to ensure adhesion. After

sanding, clean the surface thoroughly before applying the next layer.

- 7) Complete the treatment with one to two layers of the appropriate Bona Lacquer.

Note: Bona Pure Colour should never be used as the final wear surface.

The curing process takes approximately 3 days, (90% cured in 24 hours, 100% after 72 hours) in good conditions.

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

If Bona R Creative Chips are to be used, they should be distributed evenly on the final layer of Bona Pure Colour immediately after its application. Intermediate sanding to help level the chips should only take place after the application of the first layer of lacquer is suitably dried. A subsequent layer of lacquer should then be applied within 24 hours.

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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. Use protection or completely avoid contact.

2) Although Bona lacquers (which should overcoat Bona Pure Colour) have 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 use Bona Pure Colour 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 cast-in-situ 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 Colour on cast-in-situ 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.