



Bona White

WATERBORNE PRIMER

Scandinavian, white-washed look without adding stain or caustic bleach.



Bona White is a pigmented waterborne primer for untreated wood floors designed to give a whitewashed appearance on light to medium coloured wood species. The intensity and depth of colour can be controlled by applying it in one, two or more layers. Excellent levelling properties paired with good open time promote an even distribution of pigmentation creating wood floors with a beautiful and genuine whitewashed look. For an optimal appearance, pair with an Extra Matt or Ultra Matt version of Traffic HD (incl. Raw), Traffic GO, Mega EVO or Mega ONE.

Bona White dries to a clear film with good resistance to tannins found in wood, a resistance which can be improved further by adding 5% Bona Blocker (sold separately) to the product. Observe that the product cannot prevent the wood itself from changing colour over time due to the effects of UV-light or the migration/movement of natural oils, tannins and other substances present in wood.

With VOC levels below 3% and EC1^{PLUS} certification for very low emissions, the lacquer contributes to good working conditions with a low impact on the indoor air quality.

- Whitewashed look
- Easy roller application
- EC1^{PLUS} certified for very low indoor air emissions



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TECHNICAL DATA

Type of lacquer:	Tinted 1-component waterborne acrylate/polyurethane primer
Solids content:	30%
Dilution:	Do not dilute. For improved long-term colour stability, Bona Blocker can be added (See separate datasheet).
Drying time:	1-2 hours (20°C/60% R.H)
Application tools:	Bona Roller (microfiber/fleece) or Swivel Head Applicator
Application rate:	10-12 m ² /lit (≈83-100g/m ²) per coat
Safety:	Unclassified
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 +30°C during storage or transport
Disposal:	Wastes and emptied containers should be handled in accordance with local regulations.
Pack size:	5 litre can. 3 cans per box.
Certifications:	Emicode: EC1 ^{PLUS} (very low emissions)

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

PREPARATION

Ensure the floor is acclimatised to its end-use environment. The surface must be sanded back to bare wood, dry and free from sanding dust, oil, wax and other contamination. Sanding with a 120 grit abrasive using a Bona Quattro Disc, or similar equipment is recommended for the final sanding of the wood.

Allow the product to reach room temperature. Optimal application conditions are between 18-25°C and 30-60% relative air humidity. High temperatures and low humidity shorten, low temperatures and high humidity lengthen drying time. **Minimum temperature for use is 13°C.**

It is strongly recommended that a sample of the intended specification is prepared to assess the colour and general appearance of the system prior to use.

TREATMENT SCHEDULE

Bona White is most suited for use on lighter “blonde” wood floors to further enhance and emphasise the natural light colour of the species. To improve the long-term colour stability Bona Blocker can be added to Bona White. Bona White is not recommended for use on darker or “red” timbers as satisfactory “coverage” of the original colour will not be achieved, even by multiple applications.

Typical treatment schedule:

Option #1: 2x Bona White + 1x Bona Lacquer

Option #2: 1x Bona White + 2x Bona Lacquer



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For best appearance, use Bona White with an Extra Matt or Ultra Matt version of Traffic HD (incl. Raw), Traffic GO, Mega EVO or Mega ONE. Bona Mega and Bona Mega Natural are not recommended for use with Bona White if you are looking to achieve a true, white look.

Note:

- Bona White is primarily intended for strip and plank floors. It is recommended that application is made “with” the boards/grain wherever possible. The risk of visible application marks increases if Bona White is used on parquetry or other “patterned” floors which require product to be applied across the grain of the wood or laying pattern. Success is possible on such floors but additional care is needed to ensure an even application of the product without application marks.
- It is not recommended to apply more than two full coats of primer and/or lacquer per day due to risk of excessive wood swelling.
- Bona White must only be used directly onto raw wood. It must not be used in conjunction with stains or oils, or to overcoat other finishes.

APPLICATION

1. Shake the container well before use and insert the supplied filter. Before using, filter Bona White through a fine external strainer so as to minimise the potential for undispersed pigment/particles being applied to the floor. Filter bags, AT31465120, are also a good alternative. Pour the finish into a clean, dry container.
2. Apply Bona White evenly, finishing with the grain, using a Bona Roller (microfiber/fleece) or Swivel Head Applicator at approx. 10-12 m²/lit and avoid accumulations of product.
3. When dry (approx. 1-2 hours), abrade gently using the Bona Scrad System and Wing 150 grit or finer. Diamond Abrasives 120 grit are also suitable. This should be done after each application to reduce grain raising and to even out minor colour variations.
4. Remove all sanding dust before overcoating
5. If a more intense white look is desired multiple layers of Bona White can be applied. Note that using multiple applications may ‘hide’ the grain pattern of the wood.
6. Finish the treatment with a minimum of one layer of the recommended lacquers. It is recommended that all floors in commercial locations receive 2 applications of the finishing product.

IMPORTANT!

- Bona White should never be used as the final treatment for wood floors. Always end with a topcoat.
- 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 avoid contact completely.
- Spills should be removed promptly. Unattended spills may cause cosmetic stains or damage the surface.



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- Please note that whilst Bona lacquers are designed to provide a sealed surface that is resistant to wear, scuffing and spillage, etc. No surface applied finish system can prevent physical damage to the timber or “harden” the floor. Indentations in the wood and scratches may be caused by furniture, dropped items, dog claws, etc. and steps should be taken to reduce the possibility of this occurring.
- Bona lacquers are non-yellowing and do not change colour due to the effects of UV light. However, Bona lacquers cannot prevent the wood itself changing colour due to tannin bleed, the movement of natural oils or the effects of UV light.

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.