



Bona Traffic HD Raw

TWO COMPONENT, WATERBORNE COATING

Keeps the look and feel of raw wood



Bona Traffic HD Raw offers a high level of protection for wood floors while maintaining the look and feel of untreated wood. A premium product for a premium look.

Its unique surface structure creates a soft, haptic feeling which is not only a pleasure to walk on but has a high slip safety making it great for homes with children and pets. Safe in both application and in use as shown by its EC 1 classification for very low impact on the indoor air environment.

- Keeps the look and feel of raw wood
- Lacquered protection with natural impression
- Easy and safe to apply
- High slip safety

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TECHNICAL DATA

Product type / base:	2-component waterborne polyurethane topcoat
Solids content:	approx. 32 %
Sheen at 60°:	approx. 4 % (on glass)
Mixing ratio:	1 part hardener to 1 litre Traffic HD Raw or 0.41 L hardener to 4.54 L Traffic HD Raw (≈8 vol%)
Pot life:	max. 3 hours at 20 °C (shorter if warmer).
Dilution:	If required, dilute with 4 % Bona Extender for a longer open time.
Drying time:	Until next coat: 2–3 hours* Light use: 24 hours* Full cure: 7 days* *Under normal climate conditions, 20 °C / 60 % RH.
Application tools:	Bona Microfleece Roller (11 mm pile).
Application rate:	8–10 m ² /L (≈100–120 g/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, dispose of all waste at an approved waste disposal facility - do not pour down drains or sewers.
Shelf life:	Coating: 1 year from date of production in unopened original container. Hardener: 18 months from the 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 × 4.95 litres incl. hardener (0.41 L).
Certificates & standards:	EMICODE; EC 1 Very low emission GREENGUARD Gold DIN 51 130; class R9, reduced risk of slipping Qualifies for LEED and BREEAM points

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



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PREPARATION

Ensure floor is acclimatised to its end-use environment, well sanded, dry, and free from sanding dust, oil, wax and other contamination.

Allow lacquer and hardener to reach room temperature.

TREATMENT SCHEDULE

1 or 2 × Bona Primer ¹

1 or 2 × Bona Traffic HD Raw ¹

For colouration:

1 × Bona Craft Oil 2K ²

2 × Bona Traffic HD Raw

¹ the surface should receive 3 coats in total.

² to minimise the potential for oil bleed back, it is advised to

Optimal conditions for use are between 18–25 °C and 30–60 % relative humidity. High temperatures and low humidity shorten, low temperatures and high humidity lengthen drying time. **Minimum temperature for use is 13 °C.**

be restrictive with the application rate. Using a cloth wrapped around a pad under a buffing machine for application helps maintain the oil at the surface.

Note: It is not recommended to apply more than 2 full coats of primer and/or lacquer per day due to risk of excessive wood swelling. Ensure good ventilation during drying. Poor drying conditions may reduce product performance and adhesion.

APPLICATION

1) Shake the lacquer can and add the hardener component. Immediately proceed to shake the mixture vigorously for 1 minute. Use the mixture directly or at least within 3 hours. If mixing smaller quantities of lacquer, then one section on the hardener bottle corresponds to 1 litre of lacquer.

2) Apply using a Bona Roller at 8–10 m²/L (≈100–120 g/m²). Roll alternately across and with the grain of the wood avoiding accumulations of product. Always maintain a “wet edge” to avoid overlaps.

3) Allow to dry properly before applying further layers. Ensure proper ventilation.

4) If necessary, make an intermediate sanding using the Bona Scrad System P150 grit (or finer) and remove dust before applying a final layer of lacquer. **Note:** If the previous layer of lacquer/primer has been allowed more than 24 hours drying time then an intermediate sanding is always required.

Light foot traffic can be resumed after 8 hours but the surface remains susceptible to scratching and marring until fully cured. Full cure is achieved after approximately 7 days. Do not cover or damp-mop the surface until fully cured.

RECOATING

Detailed recoating instructions are available on the Bona Traffic HD Raw product page at www.bona.com

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MAINTENANCE

Cleaning with the correct products is easy; 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.

End user maintenance instructions are available to download from the Bona Traffic HD Raw product page on bona.com. Detailed maintenance instructions are available for both consumers and commercial end users. Please give the end user a digital or print copy.

IMPORTANT!

- 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.
- Spills should be removed promptly. Unattended spills may cause cosmetic stains or damage the surface.
- 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.