



# 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 EC1 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
- Classified P3, low risk of slipping, according to AS 4586:2013
- DIN 51 130; class R9, reduced risk of slipping



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## TECHNICAL DATA

<b>Product type:</b>	2-component waterborne polyurethane topcoat
<b>Solids content:</b>	approx. 32%
<b>Sheen (at 60°):</b>	approx. 4% (on glass)
<b>Mixing ratio:</b>	1 part hardener to 1 litre Traffic HD Raw 0.41 L Hardener to 4,54 L Traffic HD Raw (≈8 vol%)
<b>Pot life:</b>	max. 3 hours at 20°C (shorter if warmer)
<b>Dilution:</b>	If required, dilute with 4% Bona Retarder for a longer open time.
<b>Drying time, until:</b>	Recoating: 2 - 3 hours* Light use: 24 hours* *Under normal climate conditions, 20° C / 60% R.H.
<b>Application tools:</b>	Bona Microfleece Roller (11 mm pile) or Bona Swivel Head Bar Applicator.
<b>Application rate:</b>	8 - 10 m <sup>2</sup> / L per coat
<b>Safety</b>	Coating: Unclassified Hardener: Classified. (see Safety Data Sheet).
<b>Cleaning:</b>	Wipe tools free from residual material. Clean with a minimum of water. Remove dried material with acetone.
<b>Shelf life:</b>	Coating: 1 year from date of production in unopened original container Hardener: 18 months from the date of production in unopened original container
<b>Storage/transport:</b>	The temperature must not fall below +5°C or exceed +30°C during storage and transport.
<b>Disposal:</b>	Waste and emptied containers should be handled in accordance with local regulations.
<b>Pack size</b>	4,95 litres incl. hardener
<b>Certificates:</b>	EMICODE; EC1 Very low emission GREENGUARD Gold AS 4586:2013; P3, low risk of slipping 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.

## PREPARATION

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

Allow the lacquer and hardener to reach room temperature, insert filter and shake the container thoroughly before use. Optimal conditions for use are between 18 - 25° C and 30 - 60% relative humidity. High temperatures and low humidity shorten drying times, low temperatures and high humidity lengthen drying times.

**Minimum temperature for use is 13° C.**



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## TREATMENT SCHEDULE

Standard application:

- 1 - 2 x Bona Primer <sup>1</sup>
- 1 - 2 x Bona Traffic HD Raw<sup>1</sup>

For colouration:

- 1 x Bona Craft Oil 2K <sup>2</sup>
- 2 x Bona Traffic HD Raw

<sup>1</sup> the surface should receive three coats in total. To maintain the most natural possible appearance it is recommended to use Bona Classic UX as the primer application.

<sup>2</sup> to minimize the potential for oil bleed back, it is advised to control and restrict the application rate. Using a cloth wrapped around a pad under a buffing machine for application helps maintain the oil at the surface.

**Observe:** 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. Ensure good ventilation during drying. Poor drying conditions may reduce product performance and adhesion.

## APPLICATION

- 1) Shake the lacquer container thoroughly and add the hardener component. Immediately proceed to shake the mixture carefully for one minute. Use the mixture directly or at least within three 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 m<sup>2</sup> / litre. 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 seven 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.au](http://www.bona.com.au).

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This data sheet replaces all previous versions please check [bona.com.au](http://bona.com.au) to ensure that you have the latest version



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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 at [bona.com](http://bona.com). Detailed maintenance instructions are available for both consumers and commercial end users. Please note that due to the anti-slip nature of the product it is very important that maintenance is carried out correctly if it is required that the properties of the product remain effective, and the floor performs as expected. **Please print out a copy of the relevant instructions and give it to the end user.**

## IMPORTANT!

- Plasticisers found in materials such as carpet underlays, furniture legs, castors and adhesives can lead to softening and discolouration. Exposure to hair dyes or rubber tyres on cycles, baby strollers, etc. 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.

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.

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