



WOOD FINISHES DIRECT

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For purchasing information visit:
[Bona Traffic HD Anti Slip Varnish](#)



Bona Traffic HD Anti-slip

TWO COMPONENT, WATERBORNE COATING

All the features of Traffic HD combined with the highest standards of slip resistance.



The world's toughest and fastest drying lacquer for wood floors exposed to extreme wear allowing full traffic to be resumed in just 12 hours. Bona Traffic HD Anti-slip possesses all the features of Bona Traffic HD but with the additional benefit of being formulated to meet the highest standards for slip resistance in commercial areas, staircases or other situations with an increased risk of spillage and slipping.

- Lowers risk of accidental slips
- Ultimate speed and durability
- Allows full traffic after 12 hours
- Easy and safe to apply
- Very low odour
- GREENGUARD certified for low indoor emissions.
- Classified R10 according to DIN 51130
- Classified +36 PTV, low slip potential, according to BS7976
- Classified P4, low risk of slipping, according to AS 4586:2013

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This data sheet replaces all previous versions
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TECHNICAL DATA

Product type:	2-component waterborne polyurethane topcoat
Solids content:	approx. 32%
Sheen (at 60°):	15% (on glass)
Mixing ratio:	1 part hardener to 1 litre Traffic HD anti-slip or 0.41 L hardener to 4,54 L Traffic HD Anti-slip (≈8 vol%)
Pot life:	max. 3 hours at 20°C (shorter if warmer).
Dilution:	If required, dilute with 4% Bona Retarder for a longer open time.
Drying time, until:	Recoating: 2-3 hours* Full use 12hours*, Light use: 6 hours* Possible to cover: 3 days* *under normal climate conditions, 20°C/60% R.H.
Application tools:	Bona Microfleece Roller.
Application rate:	8-10 m ² /litre (100-120g/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.
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.
Disposal:	Waste and emptied containers should be handled in accordance with local regulations.
Pack size	3 x 4,95 litres incl. hardener (0,41 lit)
Certificates:	EMICODE; EC1 Very low emission GREENGUARD AS 4586, class P4 BS 7976, low slip potential DIN 51 130, R10 EN 71-3: Application on children's toys Qualifies for LEED and BREEAM points.

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

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, 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, low temperatures and high humidity lengthen drying time. **Minimum temperature for use is 13°C.**

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TREATMENT SCHEDULE Alternatives

Standard protocol:

- 1-2 x Bona Primer¹
- 1-2 x Bona Traffic HD Anti-slip¹

Previously lacquered surfaces:

- See separate recoating instructions
- 1-2 x Bona Traffic HD Anti-slip

For colouration:

- 1 x Bona Craft Oil 2K²
- 2 x Bona Traffic HD Anti-slip

¹ the surface should receive three coats in total.

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

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 can and add the hardener component. Immediately proceed to shake the mixture carefully for one minute. Use the mixture 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 8-10m²/litre (100-120g/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.

Floor will take light foot traffic approximately six hours after the final application and may be put into full use after 12 hours. Allow the surface to dry for at least three days before covering with carpets or other floor coverings. Also avoid placing heavy objects and avoid damp mopping the floor during this time. **Note:** If Traffic HD Anti-slip has been combined with Bona Craft Oil 2K then the surface must be allowed to cure for one week before the surface is covered.

RECOATING

Detailed recoating instructions are available on the Bona Traffic HD Anti-slip 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 at the Bona Traffic HD Anti-slip product page on bona.com. Detailed maintenance instructions are available for both homeowners and professional end users. **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 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.

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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