



BONA TRAFFIC HD ANTI-SLIP

Using new advanced polymer technology, Bona Traffic HD was developed to give uncompromising resistance to scratches, scuff marks and chemicals whilst being sustainable with regard to the environment. **Bona Traffic HD Anti-slip** possesses 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. It provides a clear, non-yellowing finish which enhances the natural beauty of a timber floor.

- High durability and extreme scratch resistance.
- Extremely quick hardness development. Possible to take the floor into full use the following day.
- Very low odour.
- Low solvent content (VOC), <5%.
- DIBt approved for low indoor emissions
- P4 (low risk of slipping) according to AS 4586:2013

Technical data

Type of varnish:	2-component water-based polyurethane topcoat
Solids content:	≈32%
VOC:	max 50 g / Lt (incl. hardener)
Resistance to wear:	2.5 mg / 100 revolutions (SIS 923509)
Sheen (at 60°):	Matt ≈ 15%
Mixing ratio:	1 part Traffic HD Hardener to 1 Lt Traffic HD AS (8% vol)
Pot life:	4 hours at 20°C (shorter if warmer)
Dilution:	If required, add 4% Bona Retarder for a longer open time
Drying time, until:	- Ready for sanding / recoating: 2 - 3 hours* - Full use: 24 hours* - Possible to cover: 3 days* *under normal climate conditions, 20° C / 60 % R.H., with reasonable ventilation
Application tools:	Bona Roller
Application rate:	8 - 10 m ² / litre per coat
Safety	Finish: Unclassified Hardener: Classified (see Safety Data Sheet)
Cleaning:	Wipe tools free from residual material before cleaning with a minimum of water. Remove dried material 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 +25° C during storage and transport.
Disposal:	Wastes and emptied containers should be handled in accordance with local regulations.
Pack size	4.95 litres including hardener
Certifications:	GREENGUARD Gold EMICODE; class EC1RPLUS DIBt; safe building product

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Preparations

Prior to application on bare timber the surface must be coated with a Bona primer. Ensure the floor is acclimatized to its end-use environment, well sanded, dry and free from sanding dust, oil, wax and other contamination. Allow the finish and hardener to reach room temperature, insert filter and shake the Finish container thoroughly before mixing with the Hardener.

Optimal application conditions are between 18 - 25° C and 40 – 60 % relative air humidity. High temperatures and low humidity will shorten the drying time whilst low temperatures and high humidity will lengthen the drying time.

The minimum temperature for use is 13° C.

Bona Traffic HD Anti-Slip can be used for overcoating factory pre-finished and previously finished floors. Carry out an adhesion test before proceeding. Please read the **Overcoating Instructions** datasheet for additional information.

Treatment schedule

Untreated Wood

1 x Bona Primer

2 x Bona Traffic HD AS

Previously finished surfaces

1 – 2 x Bona Traffic HD AS

(see Overcoating Instruction TDS)

NB. The standard specification for the application of finishes on to a floor sanded back to bare timber is a single application of a Bona primer followed by 2 applications of **the same** Bona top coat. Where Bona products have been used outside of the specifications noted within the product literature Bona can take **no responsibility** for site related issues or the performance of supplied products.

Application

1. Determine how much material is required. Shake the bottle thoroughly before decanting any finish.
2. Add Traffic HD Hardener to the finish, at the addition rate as detailed on the scales on the bottles, and immediately shake the mixture thoroughly, for 1 minute. The mixture of finish / hardener should be used directly or at least within 4 hours.
3. Apply the finish using a Bona Roller. Roll with a smooth flowing motion alternately across and with the grain of the wood avoiding accumulations of product. Always maintain a “wet edge” to avoid overlaps. Allow to dry properly before applying further coats. Anticipate slightly longer drying time for each coat that is applied.
4. If necessary, make an intermediate sanding using a screen or the Bona Scrad System grit P 150 (or finer) and remove dust before applying a final coat of finish. **Note:** If the previous coat of finish has been allowed more than 24 hours drying time then an intermediate sanding is always required.

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The floor will take light foot traffic approximately 8 hours after the final application and may be put into full use after 24 hours. Allow the surface to dry for at least 3 days before using carpets or other floor coverings. Avoid installing heavy objects and do not damp mop the floor during this time. These timescales assume that normal climatic conditions are maintained (see Drying time).

Maintenance

Clean the floor with Bona Cleaner or Bona Wood Floor Cleaner and a microfibre pad. For public areas it may be necessary to introduce a machine based cleaning programme. Worn surfaces can be renewed by applying a new coat of Bona Traffic HD Anti-slip.

Note: Bona Freshen Up and Wood Floor Refresher **cannot be used** with Bona Traffic HD Anti-slip as the slip resistance qualities will be affected. Similarly the floor should not be maintained with a polish or other similar floor maintenance products.

Please note that whilst Bona finishes 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 finishes are non-yellowing and do not change colour due to the effects of UV light. However, Bona finishes cannot prevent the wood itself changing colour due to tannin bleed, the movement of natural oils or the effects of UV light.

Detailed floor care instructions are available at www.bona.com.au

Important notes

The information provided is prepared to the best of our current knowledge and makes no claim to be complete. The User is responsible for establishing that the product and recommendations herein are fit for the designated purpose, wood type and present situation before use. Bona can only guarantee the delivered product. A professional and thereby successful application of the product is beyond our control. If in doubt make a preliminary test. The User is required to read and understand all information contained on package labels and safety data sheets before using this product.

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