



## BONA TRAFFIC HD

**Bona Traffic HD** is a 2-component water-based topcoat for surface treatment of timber floors in public areas with high traffic intensity. Using new advanced polymer technology, Bona Traffic HD has been developed to give uncompromising resistance to scratches, scuff marks and chemicals whilst being sustainable with regard to the environment.

The product has a very low odour and has received DIBt approval for its low indoor emissions. It provides a clear, non-yellowing formula 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 already the following day.
- Very low odour.
- Low solvent content (VOC), <5%.
- DIBt approved for low indoor emissions
- Suitable for overcoating pre-finished floors.

### Technical data

|                     |                                                                                                                        |
|---------------------|------------------------------------------------------------------------------------------------------------------------|
| Type of product:    | 2-component water-based polyurethane topcoat                                                                           |
| Solids content:     | ≈32%                                                                                                                   |
| VOC:                | max 50 g / Lt (incl. hardener)                                                                                         |
| Resistance to wear: | 1.5 mg / 100 revolutions (SIS 923509)                                                                                  |
| Sheen (at 60°):     | Silkmatt ≈40%, Extra Matt ≈10%                                                                                         |
| Mixing ratio:       | 1 part Traffic HD Hardener to 1Lt Traffic HD (8% vol)                                                                  |
| Pot life:           | 4 hours at 20°C (shorter if warmer)                                                                                    |
| Dilution:           | If required, dilute with 4% Bona Retarder for a longer open time                                                       |
| Drying time, until: | - Ready for sanding / recoating: 2 - 3 hours*<br>- Full use: 24 hours*<br>- 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 <sup>2</sup> / litre per coat                                                                                 |
| Safety              | Finish: Unclassified<br>Hardener: Classified (see Safety Data Sheet)<br>Mixed product: Unclassified                    |
| Cleaning:           | Wipe tools free from residual material before cleaning with a minimum of water.<br>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 inc. hardener                                                                                              |
| Certifications:     | GREENGUARD Gold<br>EMICODE; class EC1RPLUS<br>DIBt; safe building product                                              |

**Bona**<sup>®</sup>

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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 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

### Previously finished surfaces

1 – 2 x Bona Traffic HD

(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 P150 (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.

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).

The Bona logo consists of the word "Bona" in a bold, blue, sans-serif font. A registered trademark symbol (®) is located at the top right of the letter "a".

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## 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.

For maintenance and long-term protection of the surface, floors can be overcoated at intervals with additional coats of finish. The frequency of this operation can be greatly reduced if Bona Freshen Up or Bona Wood Floor Refresher is applied periodically. This will restore the appearance of a dull floor whilst still allowing further coats of finish to be applied without the need for sanding the floor back to bare timber.

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](http://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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