

# BONA TRAFFIC ANTI SLIP



**Bona Traffic Anti Slip** possesses all of the features of Bona Traffic but with the additional benefit of being formulated to meet the highest standards for slip resistance in commercial areas and situations with an increased risk of spillage. Bona Traffic Anti Slip is an ideal choice for restaurants, stairs and similar locations. Bona Traffic is one of Bona's most hardwearing finishes and is being used to protect timber floors at museums, shops and other commercial sites around the globe. The well proven formula has excellent application properties making it particularly suitable for covering large commercial areas. Bona Traffic provides a clear, non-yellowing finish with exceptional durability.

- Exceptional resistance to wear, scuff marks and scratches
- Very good chemical resistance
- Classified R10 (low risk of slipping) according to DIN 51 130.
- Classified EC1R for very low emissions
- DIBt approved for low indoor emissions
- NMP and NEP free
- VOC 2010 compliant

## Technical data

|                     |   |
|---------------------|---|
| Type of finish:     | 2-component waterborne polyurethane topcoat   |
| Solids content:     | ~33%  |
| VOC:                | 90 g/litre (incl. hardener)   |
| Resistance to wear: | ~2.5 mg/100 revolutions (SIS 923509)  |
| Sheen (at 60°):     | Matt: ~15%  |
| Mixing ratio:       | 1 part Traffic Hardener to 10 parts Traffic Anti Slip   |
| Pot life:           | 4 hours at 20°C (shorter if warmer)   |
| Drying time, until: | - Ready for sanding/recoating: 3-4 hours*<br>- Light use: 24 hours*<br>- Full hardness: 7 days*<br><br>* under normal climate conditions, 20°C/60% R.H. with reasonable ventilation |
| Application tools:  | Bona Roller   |
| Application rate:   | 8-10 m <sup>2</sup> /Lt per coat  |
| Safety              | Finish: Unclassified<br>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:         | 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)   |

## Preparations

Prior to application the surface must be pre-treated with 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 bottle thoroughly before use.

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.

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

Australian datasheet only – Sept 2013

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Bona Traffic Anti Slip can be used for overcoating factory pre-finished and previously finished floors. Floors treated with wax, polish or similar cannot be overcoated. Suitable surfaces must be prepared with Bona Prep before coating. Carry out an adhesion test before proceeding.

#### Treatment schedule

##### Untreated wood:

- 1 x Bona Waterborne Primer
- 2 x Bona Traffic Anti Slip

##### Previously finished surfaces:

- 1 x Bona Prep System
- 1-2 x Bona Traffic Anti Slip

**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 Hardener to the finish, 1:10 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. Allow the surface to dry for at least 1 week before covering with carpets or other floor coverings, or loading with heavy objects. Avoid damp mopping the floor during this 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 Traffic Anti Slip after first cleaning and preparing the surface with the Bona Prep System.

Note: Bona Freshen Up and Wood Floor Refresher **cannot** be used with Bona Traffic Anti Slip as both the sheen level and slip resistance qualities will be affected. Similarly Bona Traffic Anti Slip should not be maintained with wax polish or similar products.

#### 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.