

Bona Traffic HD Anti-slip

Technical data sheet

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 all of 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. Clear, non-yellowing lacquer perfected for wooden floors.

- Increases protection from accidental slips
- Ultimate speed and durability
- Allows full traffic after 12 hours
- Easy and safe to apply
- Very low odour
- GreenGuard Gold certified for very low indoor emissions. Recommended for schools and nurseries.
- EC1R^{PLUS} classified for very low emissions (the industry's most stringent standard on indoor emissions).
- Very low solvent content (VOC), <5%.



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Type of lacquer:	2-component waterborne polyurethane topcoat
Solids content:	32%
VOC:	max 50 g/litre (incl. hardener)
Resistance to wear:	1-2 mg/100 revolutions (SIS 923509)
Sheen (at 60°):	Matt: 15%
Mixing ratio:	1 part Traffic HD Hardener to 1 litre Traffic HD (8 vol%)
Pot life:	4 hours at 20°C (shorter if warmer)
Dilution:	Do not dilute
Drying time, until:	<ul style="list-style-type: none">- Ready for sanding/recoating: 2-3 hours*- Full use: 12 hours*- Possible to cover: 3 days* <i>*under normal climate conditions, 20 °C/60% R.H.</i>
Application tools:	Bona Roller
Application rate:	8-10 m ² /litre (120-100g/m ²) per coat
Safety	Lacquer: 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:	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	3 x 4.95 litres incl. hardener (36 boxes per pallet)
Certifications:	GreenGuard Gold EMICODE class EC1R ^{PLUS} DIBt, safe building product AS 4586, class P4 BS 7976, low slip potential DIN 51 130,

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Preparations

Prior to application the surface must be pre-treated with a waterborne primer from Bona. Ensure floor is acclimatized 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 application conditions are between 18-25°C and 30-60% relative air humidity. High temperatures and low humidity shorten, low temperatures and high humidity lengthen drying time. **Minimum temperature for use is 13°C.**

Preparation of previously lacquered floors

Bona Traffic HD Anti-slip has in general very good adhesion to factory pre-finished and previously lacquered floors but the surface must be carefully cleaned and abraded prior to overcoating. See separate guideline for overcoating recommendations.

Treatment schedule

Untreated wood:

- 1x Bona Primer or Bona Craft Oil 2K
- 2x Bona Traffic HD Anti-slip

Previously lacquered surfaces:

- Cleaning and superficial sanding
- 1-2x Bona Traffic HD Anti-slip

Note: It is not recommended to apply more than two full coats per day due to risk of excessive wood swelling. Ensure good ventilation during drying. Poor drying conditions may result in a weakened film with worsened adhesion.

Application

1. Shake the Traffic HD can and add one bottle of Traffic HD Hardener. Immediately shake the mixture thoroughly for 1 minute and then insert the enclosed filter. If mixing smaller quantities of lacquer then pour the required amount of lacquer into a separate can. 1 litre of lacquer corresponds to one part of hardener. 2 litres to two parts a.s.o. The mixture of lacquer/hardener should be used directly or at least within 4 hours.
2. Apply the lacquer 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 layers. Anticipate slightly longer drying time for each layer that is applied.
3. 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 layer of lacquer.
Note: If the previous layer of lacquer has been allowed more than 24 hours drying time then an intermediate sanding is always required.

Floor will take light foot traffic approximately 8 hours after the final application and may be put into full use after 12 hours. Allow the surface to dry for at least 3 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 Prime Deep and Bona Create then the surface must be allowed to cure for 1 week before covering the surface.

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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. 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 floor maintenance products.

Detailed maintenance instructions are available at www.bona.com/floorcare

The information provided is prepared to the best of our current knowledge and makes no claim to be complete. 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. User is required to read and understand all information contained on package labels and safety data sheets before using this product.