Bona Traffic Anti Slip

Technical data sheet

Bona Traffic Anti Slip has all of the features of Bona Traffic but with the additional benefit of being formulated to meet the highest standards for slip resistance in workplaces and other situations with an increased risk of wet spills. With its higher friction, Bona Traffic Anti Slip is an ideal choice for stairs, nurseries, kitchens and similar locations. Bona Traffic is one of Bona's most hardwearing varnishes and has been used to protect wooden floors at numerous museums, airports and shopping centres 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 varnish:	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/Flow 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* - Light use: 24 hours* - Full hardness: 7 days*
Application tools:	Bona Roller
Application rate:	8-10 m^2/litre (120-100g/m^2) per coat
Safety	Varnish: 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 (incl. Hardener):	3 x 4.95 litres (36 boxes per pallet)

under normal climate conditions, 20°C/60% R.H.

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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 varnish and hardener to reach room temperature, insert filter and shake the container thoroughly before use.

Optimal application conditions are between 18-25°C and 40-60% 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 varnished floors
Bona Traffic Anti Slip can be used for overcoating factory pre-finished and previously varnished floors **but satisfactory adhesion must be secured prior to use!** Floors treated with wax, polish or similar can not be overcoated. Suitable surfaces are pre-treated with Bona Prep before coating. A detailed overcoating instruction is available for download at **www.bona.com.**

Treatment schedule

Untreated wood:
- 1x Bona Waterborne Primer
      Light sanding grit 150
- 2x Bona Traffic Anti Slip

Previously varnished surfaces:
- 1x Bona Prep System
- 1-2x Bona Traffic Anti Slip

Note: It is not recommended to apply more than two full coats per day due to increased risk of excessive wood swelling.

Note: For environments which will receive heavier trafficking, additional coat/s may be required. Contact Bona's technical team for further advice.

Application

1. Add 9% Traffic/Flow Hardener to the varnish and immediately shake the mixture thoroughly, for 1 minute. The mixture of varnish/hardener should be used directly or at least within 4 hours.

2. Apply the varnish 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 varnish. **Note:** If the previous layer of varnish 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. Allow the surface to dry for at least 1 week before covering with carpets or other floor coverings, or loading with heavy objects. Also avoid damp mopping the floor during this time.

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Finishing

Maintenance

Clean the floor with Bona Cleaner or Bona Wood Floor Cleaner and a microfibre pad. For maintenance and upkeep of the surface, floors can be overcoated at intervals with additional coats of varnish. 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 varnish to be applied without the need for sanding the floor back to bare timber.

Detailed maintenance instructions are available at **www.bona.com**

Important notes

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.