

Bona Traffic

Technical data sheet

The classic since 1998, with super durability for any area where high wear resistance is needed. Easy to maintain and non-yellowing. Good for both untreated wood and prefinished parquet. This well proven formula has excellent application properties making it particularly suitable for covering large commercial areas and has been used at numerous museums, airports and shopping centers around the globe.

- Superior protection for commercial and public areas
- Suitable for overcoating prefinished floors
- Excellent application properties – Easy to apply
- Non-yellowing
- Classified EC1R for very low emissions
- GreenGuard approved for low indoor emissions



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Type of lacquer:	2-component waterborne polyurethane topcoat
Solids content:	33%
VOC:	90 g/litre (incl. hardener)
Resistance to wear:	Approx. 2.5 mg/100 revolutions (SIS 923509)
Sheen (at 60°):	Silkmatt 50%, Matt 15%
Mixing ratio:	1 part Traffic Hardener to 10 parts Traffic
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* <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 EMICODE; class EC1R DIBt; safe building product EN 14904:2006; approved friction for sports floors DIN 18032:2; approved friction for sports floors EN 13501-1; Reaction to fire EN 71-3: Application on children's toys

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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 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

Previously lacquered surfaces:

- Cleaning and superficial abrasion
- 1-2x Bona Traffic

Observe: 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 can and add one bottle of Traffic 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. 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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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 layer of Bona Traffic after firstly cleaning and superficially abrading the surface. See separate guideline for overcoating instructions.

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

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preliminary test. 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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