# Bona Traffic HD

## Technical data sheet

Finish with an extremely fast hardness development accepting full traffic already after 12 hours. An ideal choice for shops and public locations where minimal downtime is prioritized and highest possible durability is required. Its low emissions and low odour make it possible to use without vacating adjacent areas and ensures there is no lingering smell after treatment. Bona Traffic HD has been developed for sustainable results on the floor and the environment with uncompromising resistance to scratches, scuff marks and chemicals.

- Minimises downtime – back on the floor in 12 hours
- Extremely high wear resistance
- EC1R$^{Plus}$ classified for very low emissions
- Suitable for overcoating pre-finished floors
- Complies to EN 14904:2006 (suitable friction for sports floors)

## Technical data

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|---|---|
| Type of varnish: | 2-component waterborne polyurethane topcoat |
| Solids content: | ≈32% |
| VOC: | max 52 g/litre (incl. hardener) |
| Resistance to wear: | 1-2 mg/100 revolutions (SIS 923509) |
| Sheen (at 60°): | Silkmatt ≈40%,   Matt ≈20%,   Extra Matt ≈11% |
| 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: | 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: 12 hours* <br> - Possible to cover: 3 days** <br><br> *under normal climate conditions, 20°C/60% R.H. <br><br> ** in case the product has been combined with Bona Create or Bona Prime Deep, the floor must be allowed 7 days drying under good conditions, before being covered. |
| Application tools: | Bona Roller |
| Application rate: | 8-10 m²/litre (120-100g/m²) per coat |
| Safety | Varnish: 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 | 3 x 4.95 litres incl. hardener (36 boxes per pallet) |

*Approvals:*

## 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.

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**.

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## Treatment schedule

**Untreated wood:**
  1x  Bona Waterborne Primer
       Light sanding grit 150
  2x  Bona Traffic HD

**Previously varnished surfaces:**
  1x   Bona Prep System
  1-2x  Bona Traffic HD

**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 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 varnish then pour the required amount of varnish into a separate can. 1 litre of varnish corresponds to one part of hardener. 2 litres to two parts a.s.o. 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 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 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.

## Maintenance

Clean the floor with Bona Cleaner or Bona Wood Floor Cleaner and a microfibre pad. For maintenance and long term protection 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/floorcare**

## 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.