



BONA TRAFFIC HD

Bona Traffic HD is a 2-component waterborne topcoat for surface treatment of timber floors in public areas with high traffic intensity. Using new advanced polymer technology, Bona Traffic HD has been developed to give uncompromising resistance to scratches, scuff marks and chemicals whilst being sustainable with regard to the environment. The product has a very low odour and has received DIBt approval for its low indoor emissions. It provides a clear, non-yellowing formula which enhances the natural beauty of a timber floor.

- High durability and extreme scratch resistance.
- Extremely quick hardness development. Possible to take the floor into full use already the following day.
- Very low odour.
- Low solvent content (VOC), <5%.
- DIBt approved for low indoor emissions
- Suitable for overcoating pre-finished floors.

Technical data

Type of varnish:	2-component waterborne polyurethane topcoat
Solids content:	≈32%
VOC:	max 52g/litre (incl. hardener)
Resistance to wear:	1.5 mg/100 revolutions (SIS 923509)
Sheen (at 60°):	Silkmatt ≈45%, Extra Matt ≈10%
Mixing ratio:	1 part Traffic HD Hardener to 10 parts Traffic HD
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* - Full use: 24 hours* - Possible to cover: 3 days**
	*under normal climate conditions, 20°C/60% R.H., with reasonable ventilation
Application tools:	Bona Roller
Application rate:	8-10 m ² /litre per coat
Safety	Finish: Unclassified Hardener: Classified (see Safety Data Sheet) Mixed product: Unclassified
Cleaning:	Wipe tools free from residual material before cleaning with a minimum of water. Remove dried material 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 on bare timber the surface must be coated with a Bona waterborne 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 Finish container thoroughly before mixing with the Hardener.

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.

Bona[®]

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Bona Traffic HD 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 HD

Previously finished surfaces:

- 1 x Bona Prep System
- 1-2 x Bona Traffic HD

Application

1. Determine how much material is required. Shake the bottle thoroughly before decanting any finish.
2. Add Traffic HD 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 and may be put into full use after 24 hours. Allow the surface to dry for at least 3 days before using carpets or other floor coverings. Avoid installing heavy objects and do not damp mop the floor during this time. These timescales assume that normal climatic conditions are maintained (see Drying time).

Note: If Traffic HD is only used for the final application **only** with another finish being used for the intermediate application then the timescales noted for reusing the floor may not apply due to this coat not curing at the same rate as Traffic HD.

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 finish. 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 finish to be applied without the need for sanding the floor back to bare timber.

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.