

BONA TRAFFIC



Bona Traffic is one of Bona's most hardwearing finishes and is being used to protect timber floors at museums, shops and other commercial sites 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
- Suitable for overcoating prefinished floors
- Meets EN 14904:2006 for slip resistance (indoor sports surfaces)
- Classified EC1R for very low emissions
- DIBt approved for low indoor emissions
- NMP and NEP free
- VOC 2010 compliant

Technical data

Type of finish:	2-component waterborne polyurethane finish
Solids content:	~33%
VOC:	90 g/litre (incl. hardener)
Sheen (at 60°):	Silkmatt ≈45%, 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. with reasonable ventilation</i>
Application tools:	Bona Roller
Application rate:	8-10 m ² /Lt per coat
Safety	Finish: 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	4.95 litres (incl. Hardener)

Preparations

Prior to application the surface must be coated with a Bona 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 bottle thoroughly before use.

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 Traffic can be used for overcoating factory pre-finished and previously finished floors. Floors treated with wax, polish or similar can not 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

Previously finished surfaces:

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

Application

1. Determine how much material is required. Shake the bottle thoroughly before decanting any finish.
2. Add Traffic Hardener to the finish, 1:10 addition rate as detailed on the scales on the bottles. 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. Allow the surface to dry for at least 1 week before covering with carpets or other floor coverings, or loading with heavy objects. Avoid damp mopping the floor during this time.

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. For maintenance and upkeep 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.