



# Bona Traffic HD

TWO COMPONENT, WATERBORNE COATING

Powerful performance at top speed



Bona Traffic HD, the high-performance finish for high-traffic areas, now delivers superior protection in less time than ever before, outperforming any other finish in terms of speed and durability. Experience unparalleled wear resistance and minimized downtime. Floor owners are now able to get back on the floor already 12 hours after application.

Bona Traffic HD is a powerful solution for areas such as lobbies, airports, exhibition halls and train stations, giving your floors long-lasting protection and preserving its beauty for its entire lifetime.

- Ultimate speed and durability
- Superior protection for commercial and public areas
- Allows full traffic after 12 hours
- Low in odour and VOC (<5%)



# Bona Traffic HD

TWO COMPONENT, WATERBORNE COATING

## Powerful performance at top speed

### TECHNICAL DATA

<b>Product type:</b>	2-component waterborne polyurethane topcoat
<b>Solids content:</b>	approx. 32%
<b>Sheen (at 60°):</b>	Silkmatt 40%, Matt 20%, Extra Matt 11% (on glass)
<b>Mixing ratio:</b>	1 part Hardener to 1 litre Traffic HD or 0.41 L Hardener to 4,54 L Traffic HD (≈8 vol%)
<b>Pot life:</b>	max. 4 hours at 20°C (shorter if warmer)
<b>Dilution:</b>	If required, dilute with 4% Bona Retarder for a longer open time.
<b>Drying time, until:</b>	Recoating: 2-3 hours* Full use: 12 hours* Possible to cover: 3 days* *under normal climate conditions, 20°C/60% R.H.
<b>Application tools:</b>	Bona Microfleece or Polyester Roller (11 mm pile)
<b>Application rate:</b>	8-10 m <sup>2</sup> /litre (120-100g/m <sup>2</sup> ) per coat
<b>Safety</b>	Coating: Unclassified Hardener: Classified (see MSDS)
<b>Cleaning:</b>	Wipe tools free from residual material before cleaning with a minimum of water. Dried material can be removed with acetone.
<b>Shelf life:</b>	1 year from date of production in unopened original container
<b>Storage/transport:</b>	The temperature must not fall below +5°C or exceed +25°C during storage and transport.
<b>Disposal:</b>	Wastes and emptied containers should be handled in accordance with local regulations.
<b>Pack size</b>	3 x 4,95 litres incl. hardener (0,41 lit)
<b>Certificates:</b>	EMICODE; EC1 <sup>PLUS</sup> – Very low indoor emissions GreenGuard Gold DIBt approval; safe building product EN 14904:2006; approved friction for sports floors EN 13501-1; Reaction to fire Qualifies for LEED and BREEAM points.

Additional detailed information is noted in the appropriate Safety Data Sheet.

### PREPARATIONS

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 conditions for use 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.



# Bona Traffic HD

TWO COMPONENT, WATERBORNE COATING

Powerful performance at top speed

## TREATMENT SCHEDULE

### Standard protocol:

- 1x Bona Primer<sup>1</sup>
- 2x Bona Traffic HD<sup>1</sup>

### Previously lacquered surfaces:

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

### For colouration:

- 1x Bona Craft Oil 2K<sup>2</sup>
- 2x Bona Traffic HD

<sup>1</sup> the surface should receive three coats in total.

<sup>2</sup> to minimize the potential for oil bleed back, it is advised to be restrictive with the application rate. Using a cloth wrapped around a pad under a buffing machine for application helps maintain the oil at the surface.

**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 lacquer can and add the hardener component. Instantly shake the mixture carefully for 1 minute. Use the mixture directly or at least within 4 hours. If mixing smaller quantities of lacquer, then one section on the hardener bottle corresponds to 1 litre of lacquer.
- 2) Apply using a Bona Roller at 8-10m<sup>2</sup>/litre (120-100g/m<sup>2</sup>). Roll alternately across and with the grain of the wood avoiding accumulations of product. Always maintain a "wet edge" to avoid overlaps.
- 3) Allow to dry properly before applying further layers. Ensure proper ventilation.
- 4) If necessary, make an intermediate sanding using 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/primer 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 Craft Oil 2K then the surface must be allowed to cure for 1 week before the surface is covered.

## RECOATING

Worn surfaces can be maintained by applying an additional layer of Traffic HD. This process will strengthen the protection and restore the original finish. Observe that wax and silicone may conflict adhesion and satisfactory results. If in doubt, test to ensure compatibility prior to treating the entire surface. A more detailed recoating guide is available on [www.bona.com](http://www.bona.com).



# Bona Traffic HD

TWO COMPONENT, WATERBORNE COATING

## Powerful performance at top speed

- 1) Degrease and clean the surface thoroughly using a 10% solution of Bona Deep Clean Solution. Wet a section of the floor with cleaner and scrub with a red or green pad before removing all the dissolved dirt. The Bona PowerScrubber is an ideal tool for this process. Pay attention not to leave puddles of cleaning solution.
- 2) Let surface dry.
- 3) Abrade the surface with Bona Diamond Abrasives grit 240. Attach the diamond abrasive to a multi- or quattrodisc with intermediate pads in between. Abrade corners and edges manually.
- 4) Vacuum to remove loose sanding dust and wipe the surface with Bona's Dusting Pads. Alternatively use the PowerScrubber with clean water to remove the statically bonded dust.
- 5) Apply Bona Traffic HD at 8-10 m<sup>2</sup>/lit and let dry.

## MAINTENANCE

Sweep or vacuum the floor regularly to keep grits and stones away. To remove bonded dirt, 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 lacquer. 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 lacquer to be applied without the need for sanding the floor back to bare timber.

Detailed maintenance instructions are available at [www.bona.com/floorcare](http://www.bona.com/floorcare)