



WOOD FINISHES DIRECT

The following Technical Datasheet is provided by **Bona**

Wood Finishes Direct cannot be held liable for the information contained within this document.

For purchasing information visit:
[Bona Traffic HD Raw](#)



Bona Traffic HD Raw

TWO COMPONENT, WATERBORNE COATING

Keeps the look and feel of raw wood



Bona Traffic HD Raw offers a high level of protection for wooden floors while maintaining the look and feel of untreated wood. A premium product for a premium look. Its unique surface structure creates a soft, haptic feeling which is not only a pleasure to walk on but has a high slip safety making it great for homes with children and pets. Safe in both application and in use as shown in EC1^{PLUS} classification for very low impact on the indoor air environment. Clear, non-yellowing formula.

- Keeps the look and feel of raw wood
- Lacquered protection with natural impression
- Easy and safe to apply
- High slip safety



Bona Traffic HD Raw

TWO COMPONENT, WATERBORNE COATING

Keeps the look and feel of raw wood

TECHNICAL DATA

Product type:	2-component waterborne polyurethane topcoat
Solids content:	approx. 32%
Sheen (at 60°):	approx. 4% (on glass)
Mixing ratio:	1 part Hardener to 1 litre Traffic HD Raw or 0.41 L Hardener to 4,54 L Traffic HD Raw (≈8 vol%)
Pot life:	max. 3 hours at 20°C (shorter if warmer)
Dilution:	If required, dilute with 4% Bona Retarder for a longer open time.
Drying time, until:	Recoating: 2-4 hours* Light use: 24 hours* *under normal climate conditions, 20°C/60% R.H.
Application tools:	Bona Microfleece or Polyester Roller (11 mm pile)
Application rate:	8-10 m ² /litre (120-100g/m ²) per coat
Safety	Coating: Unclassified Hardener: Classified (see MSDS)
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
Certificates:	EMICODE; EC1 ^{PLUS} – Very low indoor emissions GreenGuard Gold DIN 51 130; class R9, reduced risk of slipping

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 Raw

TWO COMPONENT, WATERBORNE COATING

Keeps the look and feel of raw wood

TREATMENT SCHEDULE

Standard protocol:

1-2x Bona Primer¹

1-2x Bona Traffic HD Raw¹

For colouration:

1x Bona Craft Oil 2K²

2x Bona Traffic HD Raw

¹ the surface should receive three coats in total.

² 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.

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 3 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 -10m²/litre (120-100g/m²). 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.

Light foot traffic can be resumed after 24 hours but the surface remains susceptible to scratching and marring until fully cured. Full cure is achieved after approximately 7 days. Do not cover or damp-mop the surface until fully cured.

RECOATING

Worn surfaces can be maintained by applying an additional layer of Traffic HD Raw. This process will strengthen the protection and restore the original low gloss appearance. Observe that wax and silicone may conflict adhesion and satisfactory results. If in doubt, test to ensure compatibility prior to treating the entire surface.

- 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.



Bona Traffic HD Raw

TWO COMPONENT, WATERBORNE COATING

Keeps the look and feel of raw wood

- 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 dust.
- 5) Apply Bona Traffic HD Raw at 8-10 m²/lit and let dry.