

Bona Craft Oil 2K

Technical data sheet

Finishing



Performance, versatility and design – Bona Craft Oil 2K can be used on its own as a quick drying, high-performance oil or be combined with a lacquer for different gloss levels and a practically maintenance free surface. The unique formula is made from modified plant-based oil and delivers tough, water and stain resistant protection to floors in domestic or medium wear environments - even before the application of a lacquer coat. Light use is possible in as little as 8 hours. Bona Craft Oil 2K is compatible with most wood species, even tricky ones such as cherry, walnut, smoked oak and steamed beech. Available in 12 colours (including Neutral) which can be used in conjunction with Bona Tones and Bona Mix Colours. Custom colours can be mixed on request, please speak to your local Bona representative for more information.

- Uniquely long open time and pot life - Easy to work with
- Fast and secure curing - Functional on many tropical wood species
- Allows for upright application with squeegee or roller
- Very low solvent content
- Spot-repairable
- Overcoatable with Traffic, Traffic HD and Traffic Natural
- Complies with EN 71-3 for application on children's toys



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Product base:	Modified vegetable oils + isocyanate hardener
Colours:	Neutral, Frost, Ash, Umbra, Clay and Graphite
VOC:	Max 19g/litre (incl. hardener)
Mixing ratio:	9 parts A (oil) to 1 part B (hardener) 10%
Pot life:	6-8 hours
Drying time:	- Between applications: 15-30 minutes* - Light use: Neutral/8 hours* Coloured/12 hours* <i>*under normal indoor conditions, 23 °C/50% R.H. Ensure proper ventilation.</i>
Application tools:	Bona Oil Squeegee, short-haired roller or stainless steel trowel. Red or beige pad for buffing.
Total consumption:	Approx. 30 m ² /litre depending on wood type
Safety:	Part A: Unclassified, Part B: Classified, see safety data sheet for more information.
re risk:	Non-flammable however risk of self-ignition exists. Used cloths, rags and similar should be immersed in water or placed in sealed metal containers. See safety data sheet for more information.
Cleaning:	Clean tools with white spirit. Dried material can be removed with white spirit.
Shelf life:	2 years, from the 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.
Sizes:	6 x 1,25 litre (1125 ml oil + 125 ml hardener)

Preparations

Ensure floor is acclimatized to its end-use environment, well sanded, dry and free from sanding dust, wax and other contamination. Allow product to reach room temperature before use. Optimal application conditions are between 20-25°C and 30-50% relative air humidity. High temperatures and low humidity shorten drying time, low temperatures and high humidity lengthen drying time. **Minimum temperature for use is 16°C.** Use rubber gloves, safety goggles and disposable booties during application.

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Precautions!

- The sanding and the wood's properties have an influence on the final colour. The colour should only be evaluated after the final finish. Marks, colour differences, uneven colouring, etc. is not fault of the product but are the responsibility of the user! If unsure then make a test including the staining and finishing prior to use.

Tip: For a more intense and uniform coloration, the wood can be water popped prior to applying oil. Sand and clean the floor. Apply water thinly over the surface with a sponge or short-haired roller. Allow surface to dry overnight before applying oil.

Alt. 1 - Moderate/High wear

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Alt. 2 – Heavy Commercial Wear

1x Bona Craft Oil 2K
2x Bona Traffic HD / Traffic Natural/ Traffic HD AntiSlip
(Further coats of Bona Traffic may be needed in some situations)

Alt. 3 – Moderate/High wear

1x Bona Tone
1x Bona Craft Oil 2K
2x Bona Hardwax Oil

Application

If the floor has large or many unfilled gaps then pour the mixed oil into a tray and apply from the tray using a roller. Gap-free floors are quickly and easily treated with a Bona Oil Squeegee or a stainless steel trowel.

1. Using a hammer, drive an awl or screwdriver through the top and bottom of the upper container and allow the content to run into the bottom container (min. 1 minute). Remove the upper container and mix the content thoroughly.
2. Apply and distribute a thin coat of the mixed oil to the floor. On large floors work in sections and overlap wet-on-wet.
3. Allow the wood to absorb the oil for 15-30 minutes and then buff the surface with a buffing machine equipped with a red or beige pad.
4. Make another pass with more oil if required to ensure that absorbent areas are saturated.
5. Allow another 15-30 minutes of oil exposure before removing surplus oil with cotton cloths fitted under a buffing machine.
6. Buff the surface with a Bona Woolpad for a flawless finish.
7. Let surface dry at least 8 hours* (coloured oil min 12h*) before resuming foot traffic. Ensure good ventilation during application and drying.

WARNING: BONA CRAFT OIL 2K CONTAINS DRYING OILS. RISK OF SELF-IGNITION. USED CLOTHS, RAGS AND SIMILAR SHOULD BE PLACED IN WATER OR SEALED METAL CONTAINERS.

**drying time at 23 °C/50% RH, expect longer drying time on tropical wood species, high air humidity and at low temperatures. The room can normally be furnished after 12-24 hours but wait approx. 1 week before covering the surface with carpets. Allow 1-2 days drying before cleaning with wet methods.*

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Maintenance

Clean the floor regularly using a dry mop and/or a vacuum cleaner. When needed, wipe off with a damp mop with Bona Soap added to the cleaning water. Note: Always clean using as dry a method as possible. For maintenance and upkeep of the surface use Bona Care Oil. The frequency of this operation is determined by the level of wear and may range from every 3rd year in a domestic environment to a few times a year in a commercial environment.

Detailed maintenance instructions are available at www.bona.com

Overcoating

Instructions for lacquer

To increase the total wear resistance of the floor and to lower the frequency of maintenance, especially in areas where heavy wear is expected, it is recommended to overcoat the surface with two layers of any Bona Traffic lacquer. This recommendation also applies to coloured surfaces where additional protection with lacquer will help preserve the original colouration.

Note: Bona Craft Oil 2K can only be combined with lacquer provided the oil is used as is and not combined with additional products such as Bona Mixcolour or the Bona Tones.

1. Apply a single coat of Bona Craft Oil 2K to the floor according to the standard application. On porous or highly absorbent wood species a second coat is advisable. Remove all surplus material with cloths.
2. Let dry minimum 8 hours (min 12 hours for coloured oil). Longer dry time may be necessary on tropical wood species and/or under unfavorable climate conditions. To ensure that the surface is dry, rub the surface with a cotton or paper cloth. If the cloth picks up a lot of pigments then the surface is not dry. Only proceed with the following steps when the surface is fully dry.
3. Vacuum.
4. Mix Bona Traffic/Traffic HD with hardener and apply 2 layers using a roller. It is advised to make a gentle intermediate abrasion between layers of lacquer to remove eventual grain raise. Only use a Bona Scrad Pad for this purpose.

Instructions for hardwax oil

1. Apply a single coat of Bona Craft Oil 2K to the floor according to the standard application. On porous or highly absorbent wood species a second coat is advisable. Remove all surplus material with cloths.
2. Let dry minimum 8 hours (min 12 hours for coloured oil). Longer dry time may be necessary on tropical wood species and/or under unfavorable climate conditions.
3. To ensure that the surface is dry, rub the surface with a cotton or paper cloth. If the cloth picks up a lot of pigments then the surface is not dry. Only proceed with the following steps when the surface is fully dry.
4. Vacuum.
5. Apply 2 coats of Bona Hardwax Oil. It is advised to make a gentle intermediate abrasion between layers of lacquer to remove eventual grain raise. Use the Bona Scrad System grit 150 or finer.

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Bona Craft Oil 2K - 12 standard colours
Custom colours can be mixed on request



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 or contact Bona's technical service. User is required to read and understand all information contained on package labels and safety data sheets before using this product.

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