

# Bona Craft Oil 2K

## Technical data sheet

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 a tough, water and stain resistant protection to floors in residential or medium wear commercial environments. Bona Craft Oil 2K is compatible with most wood species, even challenging ones such as cherry, walnut, smoked oak and steamed beech. Available in six colours (including Neutral) which can be used in conjunction with Bona Tones and Bona Mix Colours.

- Extremely high degree of saturation
- Rapid drying yet uniquely long open time and pot life
- Easy repair and blending
- Very low solvent content
- Overcoatable with Traffic, Traffic HD and Traffic Natural

### Technical data

Product base:	Modified vegetable oils + isocyanate hardener
Colours:	Neutral, Frost, Invisible, Misty, Sand, Light Grey, Ash, Driftwood, Graphite, Clay, Provincial & Umbra
VOC:	Max 19g/litre (incl. hardener)
Mixing ratio:	9 parts oil (Component A) to 1 part hardener (Component B), 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 <sup>2</sup> /litre depending on wood type
Safety:	Component A: Unclassified, Component B: Classified, see safety data sheet for more information.
Fire 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)
Certificates:	GreenGuard for low indoor emissions EN 71-3 for application on children's toys DIBt; safe building product DIN 51 130; R10; Low slip potential

### 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.

Finishing



Neutral



Frost



Invisible



Misty



Sand



Light Grey



Ash



Driftwood



Graphite



Clay



Provincial



Umbra

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Finishing



It is advised that Bona Mix&Fill or Bona Mix&Fill Plus is used to fill minor gaps prior to applying Bona Craft Oil 2K. On floors that cannot be gap-filled it is important to maintain the oil at the surface such as by applying the oil thinly using a cloth wrapped around a pad under a buffing machine. Oil must not be allowed to seep freely into open gaps.

### 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! Pay attention to the sanding. If unsure, make a test, including both staining and finishing, prior to use.

**Tip:** For a more intense and uniform coloration, the wood can be waterpopped 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.

### Recommended setup

Alt. 1 - Moderate/High wear  
Bona Craft Oil 2K

Alt. 2 – Heavy Commercial Wear  
1x Bona Craft Oil 2K  
2x Bona Traffic / Traffic HD

Alt. 3 – Moderate/High wear  
1x Bona Rich Tone (optional)  
1x Bona Craft Oil 2K  
2x Bona Hardwax Oil

### Application

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.*

**Bona**<sup>®</sup>

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Finishing



### 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 3<sup>rd</sup> year in a domestic environment to a few times a year in a commercial environment.

Detailed maintenance instructions are available at [www.bona.com](http://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/Traffic HD 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 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. Buff the surface with a red pad and vacuum floor.
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.
5. The floor should only be exposed to light foot traffic the first 72 hours. Wait at least one week before covering with mats or other floor coverings.

#### 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. Buff the surface with a red pad and vacuum floor.
5. Apply 2 coats of Bona Hardwax Oil. It is advised to make a gentle intermediate abrasion between layers of hardwax Oil for an excellent surface finish.

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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