

# Bona Hardwax Oil

## Technical data sheet

Natural oil, modified for superior protection of wooden floors. Produces the warm look of an oiled floor while establishing a hardwearing and stain resistant surface that is spot-repairable and easy to maintain. Unique composition formulated without questionable substances such as cobalt and ketoximes. Very low in odour and easy to handle, being applicable with roller, brush and trowel. Leaves an open, breathing surface that reduces the risk of side-bonding. Highly suitable for floors with underfloor heating.

Combines perfectly with Bona Craft Oil for colouring and changing the design of wooden floors.

- Tough and dirt repellent
- Excellent water resistance
- Warm colour and natural look
- Very low in odour
- Free from cobalt and ketoximes (2-butoxime, butoxime, MEKO)

### Technical data

Base:	Modified hardening oil and wax
Gloss levels:	Extra Matt (3), Matt (10), Silk matt (20)
Dilution:	Do not dilute
Drying time:	- Before sanding/recoating: 6-8 hours* - Light use: min 18 hours* <i>*under normal, ventilated climate conditions, 20 °C/60% R.H.</i>
Application tool:	Short haired mohair roller, trowel or good quality brush with tightly packed fine bristles.
Application rate:	20-24 m <sup>2</sup> per litre and coat.
Cleaning:	Clean tools with white spirit. Dried material can be removed with acetone.
Safety:	Unclassified. See Safety Data Sheet for more information.
Fire risk:	Contains drying oils. Risk of self-ignition. Used cloths, rags and similar should be placed in water or sealed metal containers.
Shelf life:	3 years, from date of production, in unopened original container.
Storage:	Store between +5°C and +25°C in a cool, well-ventilated area away from incompatible materials and ignition sources.
Disposal:	Wastes and emptied containers should be handled in accordance with local regulations.
Pack size:	6 x 1 litres 2 x 2,5 litres (168 boxes per pallet) 1 x 10 litres (42 boxes per pallet)

### Preparations

Ensure floor is acclimatised to its end-use environment, dry and free from sanding dust, oil, wax and other contamination.

Allow product to reach room temperature and stir the container thoroughly before use (as well as occasionally during use). Optimal processing conditions are between 20-25°C and 30-60% relative air humidity. High temperatures and low humidity shorten drying time, low temperatures and high humidity lengthen the drying time. **Minimum temperature for use is 13°C.**

Ensure good ventilation at all times during the application and drying/curing time.

### Note!

Finishing



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- Hard Wax Oil may exhibit curing problems on tropical wood species such as ipê, wenge, merbau etc. To improve the curing conditions on these timbers and the like, it is recommended to first apply one coat of Bona Craft Oil which is then allowed to dry fully.

### Treatment schedule

#### Alternative #1

2x Bona Hard Wax Oil

#### Alternative #2

1x Bona Craft Oil / Craft Oil 2K  
1x Bona Hard Wax Oil

#### Alternative #3

1x Bona Tone (Rich or Nordic)  
1x Bona Craft Oil 2K  
1x Bona Hard Wax Oil

#### Alternative #4

1x Bona Rich Tone  
2x Bona Hard Wax Oil

### Important!

- Allow each application to dry fully before continuing with the subsequent layer.
- In high traffic areas consider ending with two layers of Bona Hard Wax Oil for increased protection against wear.

### Base Application

A Bona Sanding Disc (Quattro or Multidisc) or Screen grit 120 is recommended for the final sanding of the wood.

1. Apply a very thin, even coat across the whole floor avoiding accumulations of product. Apply with the direction of the grain where possible.
2. Leave to dry for minimum 6-8 hours. Ensure good ventilation.
3. Abrade the surface with a Bona Scrad Pad (without wings) or Bona Diamond Abrasives grit 240.
4. Remove dust and distribute another thin coat across the floor in the same manner as the first.
5. Do not traffic the floor until it has had at least 18 hours drying time. It is preferable to leave it longer, where possible.

### Maintenance Application

1. Clean the surface with Bona Cleaner. On heavily soiled floors it is recommended to use the Bona PowerScrubber with Bona Deep Clean Solution. Any remaining dirt will be trapped in the coating and may interfere with the subsequent application of Hard Wax Oil.
2. Make a superficial sanding with Bona's Diamond Abrasives grit 240 or a Bona Scrad Pad with wing grit 150.
3. Remove sanding dust.
4. Apply a very thin, even coat across the whole floor avoiding accumulations of product. Apply with the direction of the grain where possible.
5. Allow drying overnight (at least 12 hours).

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### Floor Care

Clean the floor regularly using a dry mop and/or a vacuum cleaner. When necessary wipe off with a damp mop with Bona Cleaner added to the cleaning water. On surfaces in need of a touch up, it is recommended to apply a coat of Bona Wax Oil Refresher. For more extensive maintenance and greater protection, it is recommended to make a maintenance application with another coat of Hard Wax Oil as described above.

Detailed maintenance instructions are available at [www.bona.com](http://www.bona.com) and from local Bona distributors.

*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. User is required to read and understand all information contained on package labels and safety data sheets before using this product.*