

# Bona Hard Wax Oil

## Technical data sheet

Finishing



**Bona Hard Wax Oil** is a balanced blend of natural oils and waxes for surface treating untreated wooden floors and other interior woodwork. Hardwax Oil both impregnates the wood and creates a durable superficial film with excellent resistance to water and spills. Possible to combine with a coloured version of Bona Craft Oil for changing the look of the floor.

- Extreme water resistance
- Rapid drying, fast working process
- Inhibits risk of side-bonding
- High coverage rate
- Safe for application on children's toys and countertops, EN 71-3 compliant

### Technical data

Product base:	Modified vegetable oils and waxes
Solids content:	approx. 48%
Sheen (at 60°):	Silkmatt: ≈25 , Matt: ≈10
Dilution:	Do not dilute
Drying time:	- Before sanding/recoating: 6-8 hours* - Light use: min 16 hours* <i>*under normal indoor conditions, 20 °C/60% R.H. Ensure proper ventilation.</i>
Application tool:	Short-haired mohair roller or good quality brush with tightly packed fine bristles.
Application rate:	20-24 m <sup>2</sup> per litre and layer.
Cleaning:	Clean tools with white spirit. Dried material can be removed with acetone.
Safety:	Classified, see safety data sheet for more information.
Fire risk:	Non-flammable. Risk of self-ignition, see safety data sheet for more information.
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:	2 x 2,5 litres (168 boxes per pallet) 1 x 10 litres (42 buckets per pallet)

### 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 and **stir** the container thoroughly before use. Optimal application 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 drying time.

**Minimum temperature for use is 16°C.**

**Note:** Hard Wax Oil may exhibit curing problems on tropical wood species such as ipé, wenge, merbau etc. To improve the curing conditions on these timbers and the like, it is recommended to apply one coat of Bona Craft Oil Neutral which is then allowed to dry before using Hard Wax Oil.

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### Treatment schedule

Application on untreated wood.

#### Alternative 1

2x Bona Hard Wax Oil

#### Alternative 2

1x Bona Craft Oil  
1x Bona Hard Wax Oil

#### Alternative 3

1x Bona Rich Tone  
2x Bona Hard Wax Oil

#### Alternative 4

1x Bona Rich Tone  
1x Bona Craft Oil  
1x Bona Hard Wax Oil

#### Alternative 5

1x Bona Nordic Tone  
1x Bona Craft Oil  
1x Bona Hard Wax Oil

### Application

Standard application (alternative 1)

1. Apply the Hard Wax Oil very thinly using a short-haired mohair roller or a fine brush. Let dry min 6-8 hours.
2. Lightly abrade the surface using a Bona Scrad Pad and remove the dust.
3. Apply a second thin coat of Bona Hard Wax Oil.
4. Let dry minimum 16 hours before resuming foot traffic. Ensure good ventilation during application and drying.

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

**Drying time (at 20°C/60% RH) :** 16 h, expect longer drying time on exotic wood and at low temperatures. The room can normally be furnished after 1-2 days but wait approx. 1 week before covering the surface with carpets or cleaning with wet methods.

### 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 Wax Oil Refresher periodically. 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. As an extended maintenance it is also possible to apply additional layers of Hard Wax Oil but before recoating, the surface must be thoroughly cleaned and abraded.

#### Recoating

1. Degrease and clean the surface with the Bona Deep Clean System. Let dry.
2. Abrade surface with a Bona Scrad Pad or Bona Diamond Abrasives grit 240.
3. Remove sanding dust.
4. Apply a thin layer of Bona Hard Wax Oil.

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

### Important notes

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

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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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