



# BONA HARD WAX OIL

**Bona Hard Wax Oil** is a balanced blend of natural oil and waxes modified for superior protection of wooden floors and other interior woodwork. It gives the warm look of an oiled floor while having a hardwearing stain resistant easily maintained surface. Produced using a formulation containing no cobalt or ketoximes, Bona Hard Wax Oil has a very low odour. It is easy to use and simple to apply, with a roller, brush or trowel, to give an open breathing surface that reduces the risk of side-bonding.

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

## Technical data

Base:	Modified hardening oil and wax
Solids content:	Approx. 48%
Gloss levels:	Silk matt (Satin): ≈25. Matt: ≈10
Dilution:	Do not dilute
Drying time:	- Before sanding / recoating: 6 - 8 hours* - Light use: min 18 hours*
	*under normal indoor conditions, 23°C / 50% R.H. Ensure good ventilation during the drying period
Application tool:	5 mm mohair roller or good quality brush with tightly packed fine bristles.
Application rate:	20 - 24 m <sup>2</sup> / Lt per 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:	Non- flammable. <b>The product contains drying oils and the risk of self-ignition exists.</b> Place used cloths, rags, etc in water or sealed metal containers immediately after use.
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:	2.5 litres

## Preparation

Ensure the floor is acclimatised to its end-use environment, dry and free from sanding dust, oil, wax and other contamination. It is recommended that the final sanding of the floor be completed using a 120 grit abrasive. On very dense timbers finishing on a 100 grit abrasive may be more appropriate.

Allow the product to reach room temperature and stir the container thoroughly before use, and occasionally during use. Optimal application conditions are between 20 - 25°C and 30 - 60% relative air humidity. High temperatures and / or low humidity will shorten the drying time whilst low temperatures and / or high humidity will lengthen the drying time. Ensure good ventilation at all times during the application and drying/curing time.

**Minimum temperature for use is 13°C.**

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## Treatment schedule

Bona Hard Wax Oil is suitable for use in a variety of environments subject to different traffic levels and aesthetic requirements; it is designed for areas with moderate to heavy wear levels. Where doubt exists as to the choice of a suitable system the higher performing specification should always be chosen.

Expected wear requirements	Specification
<b>Moderate</b>	2 x Bona Hard Wax Oil
	1 x Bona Craft Oil 2K 1 x Hard Wax Oil
<b>Moderate to heavy</b>	1 x Bona Craft Oil 2K 2 x Bona Hard Wax Oil

Bona Hard Wax Oil may exhibit curing issues on tropical timber species e.g. Wenge, Merbau etc. To improve the curing conditions on such species it is recommended to first apply a coat of Bona Craft Oil 2K; this application must be completely dry, approx. 8 – 12 hours, before applying Bona Hard Wax Oil.

## Application

### Standard specification

1. Stir the Bona Hard Wax Oil well before use and occasionally during use.
2. Apply the Hard Wax Oil using a short-haired mohair roller or a fine brush. Work in small areas ensuring there is overlap, wet-on-wet, between them.
3. Allow the surface to dry for a minimum 6 - 8 hours. In poor site conditions the product should be left for longer and if required heating / ventilation introduced.
4. Lightly abrade the surface using a Bona Scrad Pad and carefully remove the dust using a vacuum and / or tack cloth.
5. Apply a second coat of Bona Hard Wax Oil.
6. Allow the floor to dry for a minimum 18 hours, longer where possible, before resuming foot traffic. Ensure good ventilation during application and drying.

N.B. Drying times are those expected at 20° C/ 60% RH. Expect longer drying times on exotic wood species or where unfavourable climatic conditions exist.

### Bona Craft Oil 2K / Bona Hard Wax Oil specification

1. Apply a single coat of Bona Craft Oil 2K to the floor as detailed above. On porous or highly absorbent wood species a thin second coat of Craft Oil 2K is advisable. Remove all surplus material from the floor surface.
2. Let the floor dry for a minimum 8 hours (12 hours for coloured oil). A longer drying time may be necessary on tropical wood species and/or under unfavourable climatic conditions.

To check that the surface is dry, rub with a cotton or paper cloth. If the cloth picks up material / colour from the surface then it is not dry or all excess oil has not been removed. If necessary gently rebuf the floor using a Bona Oil cloth, moving quickly and lightly across the surface of the floor.

Do not apply finishes until the surface is **fully dry**. Adhesion of the finish coats will be affected if the 2K Oil is not dry.



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3. If the Craft Oil 2K has been left for an extended time then lightly abrade the surface lightly using a Bona Scrad pad and moving quickly across the floor.
4. Vacuum and / or use a tack cloth to remove dust, etc. from the surface.
5. Apply Bona Hard Wax Oil as detailed under **Standard specification** (see above).

Floors coated using Bona Hard Wax Oil can normally be furnished after 1 - 2 days where good drying conditions are present. It is advisable to wait at least 1 week before covering the surface with carpets or cleaning with wet methods.

**N.B. Bona Hard Wax Oil contains drying oils and the risk of self-ignition exists.** Used cloths, rags or similar must be placed in water or sealed metal containers immediately after use.

## Maintenance

The floor should be dry cleaned as required using a Bona dust mop or vacuum cleaner. Cleaning using a mop, such as the Bona Spray Mop system, should be carried out as required using the Bona Wood Floor Cleaner with minimal moisture being introduced to the floor surface.

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 low traffic domestic environment to a few times a year in an environment subject to greater levels of traffic.

It is possible to apply additional layers of Bona Hard Wax Oil as part of a maintenance programme but before recoating, the surface must be thoroughly cleaned and abraded.

## Recoating

1. Use Bona Deep Clean to thoroughly clean the floor. Carefully remove all cleaner residues and allow the floor to dry thoroughly.
2. Abrade the surface carefully and gently with a Bona Scrad Pad + 150 grit Wing or Bona Diamond Abrasive grit 240. Move quickly and lightly across the floor.
3. Remove the sanding dust.
4. Apply a thin even layer of Bona Hard Wax Oil across the whole floor. Apply with the grain where possible.
5. Allow the floor to dry for a minimum of 12 hours before the floor is put back into use.

Please note that whilst Bona finishes are designed to provide a sealed surface that is resistant to wear, scuffing and spillage, etc. no surface applied finish system can prevent physical damage to the timber or 'harden' the floor. Indentations in the wood and scratches may be caused by furniture, dropped items, dog claws, etc. and steps should be taken to reduce the possibility of this occurring.

Bona finishes cannot prevent the wood changing colour due to tannin bleed, the movement of natural oils or the effects of UV light.

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

## Important notes

The information provided is prepared to the best of our current knowledge and makes no claim to be complete. The 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. The 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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