

# Bona Oil 45

## Technical data sheet

**Bona Oil 45** is a hardening pine oil for the surface treatment of untreated wood floors exposed to very heavy wear, including demanding environments such as dance clubs and highly trafficked public areas. It has an extended open time for treating large floor areas and an excellent penetration ability for long lasting results. Experience the fantastic depth and lustre of natural pine oil.

- Easy to apply and work with
- Meets RAL-UZ 38 for VOC and formaldehyde emissions
- Free from cobalt

### Technical data

Type of oil:	Esterified pine oil
Solids content:	~45%
VOC:	460 g/litre
Dilution:	Do not dilute
Drying time:	- Between applications: 30-45 minutes * - Light use: 36 hours* - Full hardness: 1 week*
Application tool:	Mop, brush, roller or similar
Total consumption:	10-15 m <sup>2</sup> /litre depending on wood type
Safety:	Unclassified
Fire risk:	Yes (see Safety Data Sheet)
Cleaning:	Clean tools with white spirit. Dried material can be removed with acetone.
Shelf life:	2 years from 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.
Pack size:	2 x 5 litres (35 boxes per pallet) 6 x 1 litre (72 boxes per pallet)

\*under normal climate conditions, 20 °C/60% R.H.

### Preparations

Ensure floor is acclimatised to its end-use environment. The surface which is to be coated must be sanded back to bare wood, dry and free from sanding dust, oil, wax and other contamination. A Bona Sanding Disc or Screen grit 120 should be used for the final sanding of the wood.

Allow product to reach room temperature and shake the container thoroughly before use. Optimal conditions are between 20-25°C and 40-60% 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 18°C.**

### Treatment schedule

**Untreated wood:**  
2-3 applications of Bona Oil 45

Finishing



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Finishing



### Application

1. Apply the oil generously to the floor.
2. Approx. 30 minutes later, redistribute the oil to more absorbent areas. Add more oil as required.
3. Repeat step 1&2 until the surface is saturated. The number of treatments needed depends on the type of wood but 2-3 treatments are usually enough.
4. Approx. 30-45 minutes after the final application, buff the floor in alternate directions using a buffing machine (150 revs/minute) and a green pad.
5. Remove any remaining surplus oil with a cotton cloth fitted around a pad under the buffing machine.

**WARNING:** BONA OIL 45 CONTAINS DRYING OILS. RISK OF SELF-IGNITION. USED CLOTHS, RAGS AND SIMILAR SHOULD BE PLACED IN WATER OR SEALED METAL CONTAINERS.

6. Let floor dry 12-18 hours. Avoid foot traffic during this time. If the floor looks patchy then add a small amount of oil to a cotton cloth, place it under the machine and buff the floor. After 1 hour, buff again using a clean cotton cloth.
7. Buff the floor with a red pad (300 rev/min).
8. Allow the floor another 24 hours drying time before taking it into use.

### 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. N.B. Always clean using as dry a method as possible. For maintenance and upkeep of the surface use Bona Carl's Oil 25. 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 several times a year in a commercial environment.

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

### 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 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.

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