

Bona Oil 90

Technical data sheet

Bona Oil 90 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. With extremely high solids content, Bona Oil 90 quickly saturates the wood and reduces the number of applications needed making it a true time-saver. Despite the high solids content it is easy to work with and dries very fast. Experience the fantastic depth and lustre of natural pine oil.

- Quick drying, fast working process
- Low risk of bleed-back
- Economic, long-lasting formula.
- Reduced risk of slipping, classified R10 according to DIN 51130
- Meets RAL-UZ 38 for VOC and formaldehyde emissions
- Meets EN 71/3 for use on children's toys
- Free from cobalt

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Type of oil:	Esterified pine oil
Solids content:	Approx. 90 %
VOC:	max 92 g/litre
Dilution:	Do not dilute
Drying time:	- Between applications: 15-30 minutes* - Light use: 36 hours* - Full hardness: 1 week*
Application tool:	Solvent-resistant rubber applicator
Total consumption:	20-30 m ² /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 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.
Pack size:	6 x 1 litre (72 boxes per pallet) 2 x 5 litres (35 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.**

Finishing



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Treatment schedule

Untreated wood:

1-2 applications of Bona Oil 90
Next day, buffing with red pad

Application

1. Apply the oil evenly and thinly using a solvent resistant rubber bladed applicator.
2. 15-30 minutes later, make another pass with more oil until the surface is saturated i.e. until the wood does not absorb any further oil. The number of treatments needed depends on the type of wood but 1-2 treatments are usually enough.
3. Approx. 20 minutes after the final application, buff the floor in alternate directions using a buffing machine (150 revs/minute) and a green pad.
4. Directly after the buffing session, remove any remaining surplus oil with a cotton cloth fitted around a pad under the buffing machine.

WARNING: BONA OIL 90 CONTAINS DRYING OILS. RISK OF SELF-IGNITION. USED CLOTHS, RAGS AND SIMILAR SHOULD BE PLACED IN WATER OR SEALED METAL CONTAINERS.

5. Allow the floor at least 24 hours drying time before taking it into use. Avoid foot traffic during this time

Tip: For best results buff the floor with a red pad (300 rev/min) 6-18 hours after the final oil application. If the floor looks patchy, 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.

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 Carl's Oil 25. The frequency of this operation is determined by the level of wear and may range from every 3- year in a domestic environment to a few times a year in a commercial environment.

Detailed maintenance instructions are available at 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 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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