Hard Waxoil



Decorates and protects

Countless decorative effects

Deep impregnation

Anti-dust

Easy application and maintenance

Enhances the natural look of all types of wood

PRODUCT DESCRIPTION

- HARD WAXOIL penetrates deep into solid wood, plywood or cork floors and provides them with long-term protection while preserving their natural look and flexibility, It is suitable for interior use only.
- HARD WAXOIL can be used on all types of wood currently in use (for rare exotic types, please contact us), and is easy to maintain with BLANCHON MAINTENANCE OIL.
- HARD WAXOIL is available in natural (colourless) and 14 shades: light oak, golden oak, smoked oak, old French oak, ultra-matt natural, walnut, raw wood, driftwood, white, black, light grey, white grey, metallic grey and graphite.

SURFACE PREPARATION

- Sand old or new wood flooring to obtain a smooth, even surface: the wood to be impregnated must be sanded back (24 or 26 grain), refined with 50 or 60 grain, then finished with 100 or 120 grain (see § APPENDIX).
- If you need to do any filling (holes, cracks), use BLANCHON PRO FILLER (water-based mastic sealant) or BLANCHON RESIN FILLER before the final sanding (consult the Technical Sheets for these products).
- Remove all traces of dust.
- The wood floor must be perfectly clean and dry: as a general rule, moisture content should be below 10%. Consult the DTU in force (do not use detergents or whiteners). Oily secretions from exotic woods must be removed with BLANCHON SYNTILAC DILUENT® or acetone.

Insecticide treatment

- If necessary, use a suitable treatment product.

Colouring or ageing effect

- Sanded floors (to bare wood) can be stained using BLANCHON AQUATEINTE™ 2K, BLANCHON WATERBORNE DYE or BLANCHON WOOD AGEING AGENT (positive shades). After drying, apply one coat of BLANCHON PRIM'OIL[1]. The overall effect of the stain should be visible after applying the coat of PRIM'OIL[1] (if necessary, carry out a test on a discreet spot).
- BLANCHON WOOD AGEING AGENT ages the wood beautifully. Use HARD WAXOIL old white, white or grey finishes for the best ageing effect.
- **IMPORTANT: on wood that has been stained with coloured HARD WAXOIL, the traffic on the floor will determine how the shade evolves over time. The wood will have to be maintained thoroughly and regularly to preserve the decoration and protection in the long term.**

DIRECTIONS FOR USE

- No mixing: HARD WAXOIL is ready to use.
- Shake the container well before use.
- Do not impregnate the wood floor when the temperature is below 12°C. Use only in well ventilated areas.
- HARD WAXOIL should always be applied in the direction of the wood grain with a silk brush, graining brush, smooth spatula (not toothed) or short-haired roller. Wipe very regularly during application with a clean cotton cloth (in a circular movement), a buffing machine fitted with a beige pad, or a polishing machine fitted with soft brushes. To make buffing easier, work on one small area at a time.
- The coat applied should be very thin, giving a coverage of around 20 to 25 m^2 per litre per coat.
- Buffing with a cleaning machine, cotton cloth or buffer during the application will make it possible to obtain a beautiful uniform finish: this method means that deep impregnation of the wood is achieved without persistent excess thickness on the surface.
- Wait 8 to 12 hours before applying the second coat in the same way as the first.
- Special cases:

  1. On exotic woods, oily woods or wood flooring with "boat" joints", apply one coat of PRIM'OIL[1] to prevent extended drying times, which are inherent to these types of wood. Then apply two coats of HARD WAXOIL with a sprayer, polishing each coat immediately with a buffing machine fitted with a beige pad.
  2. To maximise protection, it is possible to apply one final coat of HARD WAXOIL natural (colourless) over two coats of coloured HARD WAXOIL.

  [1]PRIM'OIL, with its synthetic resin base, does not block the pores of the wood but isolates the fibres, which is not detrimental to the coating of HARD WAXOIL.

Cleaning of tools

- Tools must be cleaned immediately after use, with a thinner.
- Clean cloths, pads and tools immediately after use (fire risk if textile tools are kept soaked in oil). Cloths and pads may also be kept in water. Do not throw away cloths or pads soaked in oil without first rinsing thoroughly in water.
- Seal carefully after use. Do not discharge into drains.

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DRYING TIMES

- Dust-free drying: 4 to 6 hours, approximately (after buffing).
- "Sandable/recoatable" drying: 8 to 12 hours in normal conditions.
- Curing time: 8 to 10 days.
- Occupation of premises: 2 to 4 days after applying the final coat.
- During the first few days take some precautions: do not cover (protective sheets), and do not place carpets on the wax-oiled wood floor during this period. Remove dust with a vacuum cleaner, broom or cloth (do not use impregnated textiles). Do not move heavy furniture. Do not allow water or other liquids to build up on your wax-oiled wood floor (isolate flower pots).
- Next: place suitable protection (felt) under the feet of tables and chairs. A quality doormat placed at the entrance to the room will retain dust and gravel. Your wood needs a healthy environment: an ambient temperature of 19-21°C and relative air humidity of approximately 50 to 65% are ideal.

COVERAGE

- 20 to 25 m^2 per litre per coat.

MAINTENANCE

- The wax-oiled surface must be regularly dusted (broom or vacuum cleaner).
- Occasional marks and stains can be removed easily with a neutral detergent (well-wrung cloth or mop and never dripping).
- **IMPORTANT: wait 15 days for the first intervention, so that the HARD WAXOIL has time to dry thoroughly.**
- **A WELL MAINTAINED WAX-OILED WOOD FLOOR LOOKS MORE ATTRACTIVE OVER TIME.**

Routine cleaning

- Damp wiping with BLANCHON NATURAL SOAP FOR OILED WOOD FLOORS, diluted at a ratio of 50 ml to 5 litres of water. BLANCHON LAGOON®, special cleaner for wood floors, can also be used for daily cleaning.
- Work on successive areas, regularly rinsing the microfibre mop or other equipment used. This equipment must always be thoroughly wrung out to avoid making the floor too wet.
- Perform weekly in little-used rooms or daily in areas subject to heavy traffic. NATURAL SOAP FOR OILED WOOD FLOORS provides in-depth cleaning of wax-oiled wood floors while strengthening their protection.

Regular maintenance

- On a dust-free and clean wax-oiled wood floor, spray BLANCHON UNIVERSAL MAINTENANCE OIL and wipe with a clean and dry cotton cloth to obtain a buffed matt finish.
- This operation will be made easier and faster by using a buffing machine with a beige pad (if the floor is very dirty, a red pad can be used to strengthen the mechanical cleaning) or a buffer with 3 rotating brushes. This can be combined with a spray-method: the buffing is much quicker and the mechanical cleaning is improved.
- Return to use: 4 to 8 hours after buffing.
- Frequency: when the wax-oiled floor loses its attractive look, generally once or twice a month.
- If the wood floor is subject to heavy use, regular maintenance using the spray-method can be complemented by applying a general coat of HARD WAXOIL (follow up with a thorough buffing, by hand or machine).
- The more regular and frequent the maintenance, the easier it becomes.

REFINISHING

- **Localised refinishing** can be performed on areas suffering particularly serious damage (cigarette burns, impacts, etc.) : remove the polish to eliminate the damage, then reimpregnate. This is one of the main advantages of a wood floor coated with HARD WAXOIL.
- **Major refinishing:** on a wax-oiled wood floor that has not been maintained to the required level according to its use, it is possible to carry out a general sanding using a buffing machine fitted with an abrasive disc (120 grain, for example) before applying a coat of pure HARD WAXOIL (brush, spalter, short-haired roller or spray-method). Buff carefully, by hand or machine.

TECHNICAL DATA

USE	IMPREGNATION OF PARQUETS AND FLOORS
RESIN TYPE	Oils
AFNOR CLASSIFICATION	Family 1, class 2b
DENSITY	0.86 (at 20°C, as per NF T 30020)
FLUIDITY	35 seconds (CA 4 at 20°C)
REGULATORY INFORMATION	Refer to the corresponding Safety Data Sheet (SDS) (also available at www.blanchon.com or www.quickfds.com)
RESANDABLE-RECOATABLE	Approx. 8 to 12 hours, depending on temperature and moisture content
RESISTANCE TO HOUSEHOLD PRODUCTS	Vegetable oil, acetone, 40° alcohol, water, coffee, tea, ink: no adverse effects found (after 20 days' drying, as per NF T 30053).

APPENDIX: SANDING A WOODEN FLOOR USING A MACHINE

- This is done using a special floor sander, with an edge sander for the edges and a scraper for the corners.
- The floor sanding machine is used in the direction of the light or better, if possible, in the direction of the wood.
- Work in even, regular "sweeps" to ensure that the entire surface is done in an identical manner.
- 1st pass: coarse grit (24, 30 or 36) to expose the bare wood and level it.
- 2nd pass: medium grit (50 or 60) to get a smooth, even surface.
- 3rd pass: fine grain (100 or 120) to complete the finish.
- Do all the edges of the room with the edge sander and scraper.
- Polishing with a buffing machine fitted with an abrasive mesh (100 or 120) ensures that the surface is perfectly prepared, especially in the case of flooring that has alternating lines: mosaics, chevrons, herringbone pattern, basket weave pattern, etc.
- Remove all dust carefully, using a powerful vacuum cleaner, from the area to be lacquered, including any skirting boards, window ledges and radiators.

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Designed, developed and manufactured in France.
The information contained in this Technical Data Sheet is provided in good faith as a guideline only.
Under no circumstances can this information be considered as a guarantee given by us or incur our liability when our products are used.
This Technical Data Sheet cancels and replaces all previous versions.

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