

Very generous coverage

Countless decorative effects



High resistance



Longer open time



Deep impregnation



Soft and velvety feel



Anti-dust



Hard Waxoil SD



PRODUCT DESCRIPTION

- **Blanchon Hard Waxoil SD** is a smooth and high build finish for interior woods containing vegetable oils and waxes.
- **Blanchon Hard Waxoil SD** penetrates deep into solid wood, plywood or cork floors and provides them with long-term protection while preserving their natural look and flexibility.
- **Hard Waxoil SD** can be used on all types of wood currently in use (for rare exotic species, please contact us), and is easy to maintain with Blanchon maintenance range dedicated for oils.
- **Hard Waxoil SD** is ready to use, although a special hardener can be used (20%) to:
 - optimise performance
 - and/or be applied on wood floors subject to heavy use.
- **Hard Waxoil SD** is available in 6 shades: natural wood, classic oak, smoked, storm, grege and pure white.

SURFACE PREPARATION

- Sand a new or old wood floor until smooth: 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 ANNEX*).
- 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).
- Then clean thoroughly.
- The wood floor must be perfectly clean and dry: in general, humidity below 10%; consult the D.T.U. in force (do not use washing powder or bleaching agents). Oily secretions from exotic woods must be removed.

Insecticide treatment

- Only use treatment products recommended by Blanchon.

Colouring or ageing effect

- The sanded wood floors (bare wood) can be stained with Blanchon Aquateinte® 2K, Blanchon Waterborne Dye, Blanchon Wood Ageing Agent (positive shades) or Blanchon Tanned Wood Reactive or Grey Wood Reactive. After drying, apply one coat of Blanchon Prim'Oil⁽¹⁾. The overall effect of the stain should be appreciated after applying the coat of Prim'Oil⁽¹⁾ (if necessary, carry out a test on a discreet spot).
- Important: on stained or coloured wood, the use of the surface, whether light or heavy, will cause the shade obtained to change. The wood will have to be maintained thoroughly and regularly to preserve the decoration and protection in the long term.

INSTRUCTIONS FOR USE

- Shake the container well before use.
- Do not impregnate the wood floor when the temperature is below 12°C. Only use in well-ventilated areas. Do not leave plants and aquariums in contact with solvent vapours.
- **Hard Waxoil SD** must be applied in one light coat in the direction of the wood with a brush (pure silk), spalter, smooth spatula (not notched) or roller (short-haired), regularly buffing during the application with a buffing machine fitted with a beige pad. The optimum opening time makes working on large areas easier.
- Buffing with a buffing machine 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 12 hours before applying the second coat in the same way as the first. The special features of **Hard Waxoil SD** ensure the wood will not be saturated.
- Pro Tip: for optimum and rapid application using a floor buffing machine, you should pour **Hard Waxoil SD** directly onto the centre of the pad. This method gives you precise results, without splashing.
- **Hard Waxoil SD** is compatible with industrial roller coaters.
- Special cases:
 - 1. On exotic woods, oily woods or wood flooring with "boat deck" joints, apply one coat of Prim'Oil⁽¹⁾ to prevent extended drying times, which are inherent to these types of wood.
 - 2. For a more matt look, it is possible to apply onto 2 coats of **Hard Waxoil SD** a "finishing" coat of Blanchon natural ultra-matt 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 SD**.

Cleaning of tools

- Tools must be cleaned immediately after use with Blanchon Odourless Thinner.
- Clean cloths, pads and tools immediately after use (fire risk if textile utensils 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.
- Re-seal carefully after use. Do not dispose of waste down the drain.

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DRYING, HARDENING AND RETURNING TO USE

- Dust-free drying: 4 to 6 hours, approximately (after buffing).
- "Sandable/recoatible" drying: 8 to 12 hours in normal conditions.
- Final hardness: 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

- Approximately 15 to 18 m² per litre and per coat, depending on the porosity of the wood.

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 SD** 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®, a special cleaner for wood floors, can also be used for daily cleaning.
- Work on successive areas, regularly rinsing the microfiber 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 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 floor cleaning machine with a beige pad (if the floor is very dirty, a red pad can be used to strengthen the mechanical cleaning). 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 SD** (follow up with a thorough buffing, by hand or machine).
- The more regular and frequent the maintenance, the easier it becomes.

RESTORATION

- LOCALISED RENOVATION: can be performed on areas suffering particularly serious damage (cigarette burns, impacts, etc.): remove the polish to eliminate the damage, then re-impregnate. This is one of the main advantages of a wood floor coated with **Hard Waxoil SD**.
- MAJOR RENOVATION: 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 SD** (brush, spalter, short-haired roller or spray-method). Buff thoroughly using a buffing machine.

TECHNICAL DATA

INTENDED USE	HIGH-BUILD IMPREGNATION OF PARQUETS AND FLOORS
TYPE OF RESIN	Oils
AFNOR CLASSIFICATION	Family 1, class 2b
DENSITY	0.895 (at 20°C, in accordance with NF T 30020)
VISCOSITY	370 centipoises (BROOKFIELD T3, 100 trs/min at 20°C)
REGULATORY INFORMATION	Refer to the corresponding Safety Data Sheet (SDS) (also available at www.blanchon.com or www.quickfds.com)
SANDABILITY - RECOATABILITY	Approximately 8 to 12 hours, depending on the temperature and humidity
RESISTANCE TO HOUSEHOLD PRODUCTS	Vegetable oil, acetone, alcohol 40°, water, coffee, tea, ink: Nothing to report (after 20 days of drying, in accordance with NF T 30053)

*APPENDIX: SANDING A WOOD FLOOR USING A MACHINE

- This is done with a floor sanding machine, an edge sander and a scraper for the angles.
- The floor sanding machine is used in the direction of the light or better, if possible, in the direction of the wood.
- Make steady progress to ensure that all of the surface is treated identically.
- 1st sanding: coarse grain (24, 30 or 36) to ensure the wood floor is bare and level.
- 2nd sanding: medium grain (50 or 60) to even out the surface.
- 3rd sanding: fine grain (100 or 120) to complete the finish.
- Sand the edges of the room (edge sander and scraper).
- Buffing with a floor cleaning machine fitted with an abrasive disc (100 or 120) completes the preparation of the surface, especially on wood floors with grains in different directions: mosaic, chevron, herringbone, Hungarian Point, etc.
- Remove dust thoroughly with a powerful vacuum cleaner (surface to be coated plus skirting board, window sills and radiators).

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Under no circumstances can this information be considered as a guarantee given by us nor incur our liability when our products are used.
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