

Impregnate and
stain in one coat

High build

Exceptional
resistance

Long lasting
protection against
dust and moisture

Ideal combination
with Blanchon Wood
Ageing Agent

Numerous decorative
effects

1 coat system

Very low odour

Easy maintenance
and quick renovation

Solid'Oil™

High Solid Hardwax Oil



PRODUCT DESCRIPTION

- Blanchon **Solid'Oil™** is a hardwax oil for all the impregnation of interior parquet and wood flooring (not suitable for outdoor use).
 - Use of **Solid'Oil™** is quick and pleasant due to exceptional refinishing and low odour emissions.
 - **Solid'Oil™** is ready to use as is, but can come with a special hardener to:
 - Accelerate the drying process.
 - And/or be used on floors subject to heavy traffic.
 - **Solid'Oil™** brings the flooring a beautiful natural warmth and traditional matt finish of oiled floors.
 - **Solid'Oil™**'s unique formula, creates an interactive mesh with the wood fibres, impregnates in depth, nourishes and protects the floor from dirt and moisture.
 - **Solid'Oil™** can be applied on all commonly used woods (please consult us for rare and/or tropical woods).
 - The oiled floors benefit from superior ease of renovation, under high-traffic wood floors require regular maintenance (see Maintenance).
 - Available in 8 basic finishes Blanchon **Solid'Oil™** allows, with simple combination, to obtain a variety of shades from natural to deep black, through multiple wood tones and a wide range of greys.
- * Because of its high concentration, **Solid'Oil™** gives impregnation in a single coat, on most hardwoods. On soft wood or very absorbent wood, a second coat is recommended.

SURFACE PREPARATION

- Sand old or new flooring to bare wood with 24 or 36 grit paper, then with grade 50 or 60 and finish with a grade 100 or 120 (see *Appendix on page 2 for details on how to sand wood flooring).
 - Then carefully vacuum the floor removing all traces of dust.
- Important: brushed wood allows one to obtain many more shades than on smooth wood.
- If any filling is needed (holes, cracks), use Blanchon Resin Filler, Blanchon Odorless Wood Filler (powder or ready to use) before the final sanding (please consult the relevant Technical Data Sheets).
 - Carefully remove all traces of dust.
 - The surface must be perfectly clean and dry: in general, there should be less than 10% moisture content (please refer to Industrial Standards).
 - Do not use detergents or whiteners.
 - Any oil or grease that exudes from tropical woods should be removed with acetone.

Insecticide treatment

- Only use products recommended by Blanchon (Trait'Plus®).

Wood staining

- Floors sanded down to bare wood may be stained with Blanchon Aquateinte™ 2K, Blanchon Waterborne Dye (wood shades, colours or pastel shades), Blanchon Wood Ageing Agent (positives shades) or Blanchon Special Parquet Wood Stain. After drying apply a coat of Blanchon Prim'oil™. If appropriate, in the case of light shades, take into account the warm tones of the wood inherent in the resins, and be aware of the final required look following the application of Prim'oil™⁽¹⁾. [if necessary, perform a test on an inconspicuous area].
- The most interesting decorative effects are obtained on wood brushed previously then "aged" or stained with Blanchon Wood Ageing Agent.

Important: on wood that has been stained with coloured **Solid'Oil™** (or on previously stained wood), the traffic on the wood floor will determine how the shade evolves over time. Wood floor maintenance should be done regularly and thoroughly to ensure long-lasting protection.

DIRECTIONS FOR USE

- **Solid'Oil™** is ready to use, and should not be diluted. In the case where the optimization of drying and sustainability is needed, it is possible to add the Hardener **Solid'Oil™** in proportions of 1 to 5 (20% Hardener in 100% of **Solid'Oil™**). Use the mixture within 1 hour 30 minutes.
- Shake well before use.
- Do not apply to the wood floor if the temperature is lower than 12°C Use only in well ventilated areas. Keep any aquariums and plants away from the environment where the product is being applied.
- **Solid'Oil™** should always be applied in the direction of the wood grain with a silk brush, graining brush, smooth spatula (not toothed) or a short-haired roller.
- Buffing carefully (buffing machine fitted with a soft beige pad) as you apply ensures an attractive, even finish. The wood is deeply penetrated without excess surface residue.
- Special cases:
 - 1 - On exotic or oily wood, apply a coat of Prim'oil™⁽¹⁾ to prevent any delay in drying which is usual with this type of wood. Then apply **Solid'Oil™** as above.
 - 2 - On ship deck parquet floors, first apply a coat of Prim'oil™⁽¹⁾ to seal the joints and then proceed as above.
 - 3 - On absorbent woods, apply a second coat of **Solid'Oil™** the day after.
- Professional tip: at the end of work, a quick general glossing across the surface (single brush, new beige pad) will give a perfect finish.

⁽¹⁾ **Solid'Oil™**, based on synthetic resins, does not block wood pores but isolates the fibres, which does not affect coating with **Solid'Oil™**. (please consult the relevant Technical Data Sheet).

Cleaning of tools

- Clean tools immediately after use with an appropriate thinner.
- Clean cloths, pads and tools immediately after use (risk of self ignition with oil-soaked fabrics).
- Cloths and pads may also be left in water.
- Do not dispose of oil-soaked pads and rags without first rinsing them in water.
- Carefully seal the container after use.
- Do not pour down the drain.

DRYING TIMES

- Dust-free: 4 hours.
- Drying before sanding/recoating: 12 hours under normal conditions (6 to 8 hours in the case of the use of **Solid'Oil™** Hardener).
- Full use of the area: 2 days after application of the final coat.
- Full hardness: 8 to 10 days (5 to 7 days if Hardener **Solid'Oil™** has been used).

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- Normal use of the area: precautions should be taken in the first few days of use. Do not cover (use protective sheets) or lay rugs onto the area during the 10 days following application.
- Subsequently, appropriate protective measures (i.e. felt pads) should be taken for table and chair legs or other objects which could mark the floor. If applicable, a quality doormat at the entrance will be of benefit. Immediately wipe up any water or other liquid spillages and take particular care with flower pots.
- A wood floor needs the right environment: a room temperature of 19-21°C and 50% to 65% relative air humidity are ideal.

COVERAGE

- Around 30 to 35 m² per litre per coat.

MAINTENANCE

- Remove dust regularly from waxed/oiled wood surfaces using a brush or vacuum cleaner.
- Stains and marks can be easily removed with a neutral detergent (using damp mops or cloths, never soaking wet ones).

Important: wait 15 days before the first maintenance treatment to allow Hardwax Oil to harden.

- Properly maintained waxed/oiled wood floors look better and better as time goes by.

Routine cleaning

- Wipe with a damp mop using diluted Blanchon Natural Soap For Oiled Wood Floors (250 ml to 10 litres of water).
- Work on one area at a time, rinsing the micro-fibre mop or cloth regularly: it should always be well wrung out to avoid getting the wood floor too wet.
- Frequency: from once a week on light-traffic floors to daily cleaning on heavy-traffic floors. Natural Soap for Oiled Wood Floors, which is 100% natural, is ideal for cleaning waxed/oiled wood floors thoroughly and boosting their protection.

REGULAR MAINTENANCE

- After ensuring the waxed/oiled floor is clean and dust free, Spray Maintenance Oil (using a hand sprayer) and wipe with a clean, dry cotton cloth to obtain a matt finish. Choose Maintenance Oil shade relevant to the shade of **Solid'Oil™**.
- This operation is quicker and easier with a buffing machine fitted with a beige pad (if the floor is very soiled, a red pad may be used to boost the mechanical cleaning) or a polishing machine with 3 revolving brushes. This is then similar to a spray method: polishing is quicker and mechanical cleaning more effective.
- Full use of the area: 8 hours after polishing.
- Frequency: when the waxed/oiled wood floor starts to lose its beautiful finish or generally, once or twice a month.
- On high-traffic wood floors, regular maintenance using the spray method may be boosted by applying a general coat of **Solid'Oil™** followed by careful polishing, either with a buffing machine or manually.
- The more often Hardwax Oil Maintenance is used, the easier maintenance becomes.

RESTORATION

- Small area restoration: for small areas with specific damage (cigarette burns, impact damage, etc.) rub or scrape to remove the damage and then re-apply. This is one of the great benefits of a wood floor treated with **Solid'Oil™**.
- Large areas restoration: on waxed/oiled wood floors that have not been maintained as frequently as their use requires, a general sanding can be done using a buffing machine fitted with a sanding disc (120 grit) before applying a coat of **Solid'Oil™**.

TECHNICAL DATA

USE	Impregnation of wood floors and parquets
RESIN TYPE	High concentration modified natural oils
AFNOR CLASSIFICATION	Family 1, class 2b
DENSITY	0.95 (at 20°C, as per NF T 30020)
FLUIDITY	120 seconds (ISO Cup n°4 at 20°C)
REGULATORY INFORMATION	Refer to the relevant Material Safety Data Sheets (also available on www.blanchon.com or www.quickfds.com)
MIXTURE	100% Solid'Oil™ + 20% Hardener Solid'Oil™
POT LIFE MIXING	1h30
BEFORE SANDING/COATING	12 hours depending on the temperature and moisture content (6 to 8 hours in the case of use of hardener Solid'Oil™)
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 WOOD 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 sander should be used in the direction of the light, or better still, in the direction of the wood grain.
- 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 grit (100 or 120) to obtain a good finish.
- Do all the edges of the room with the edge sander and scraper.
- Polishing with a buffing machine fitted with an abrasive mesh (80 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.

Technical Data Sheet issued on the 10.05.2012.

The information provided in this Technical Data Sheet is given in good faith for information purposes only. In no case whatsoever can this information be considered as a guarantee given by us nor engage our responsibility when our products are used. Since we are constantly striving to improve our products, the information given here may be subject to modification without prior notice.

This Technical Data Sheet cancels and supersedes all previous versions.



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