

Impregnates and stains in just 1 coat

Very high resistance



High build



Long-term protection against dust and humidity



The perfect match for BLANCHON WOOD AGEING AGENT



Infinite variety of decorative effects



Easy maintenance and quick restoration



# Solid'Oil™



## PRODUCT DESCRIPTION

- BLANCHON SOLID'OIL™ is a one-coat hard waxoil\* that impregnates all interior wood floors.
- HIGH SOLID: exceptional build makes it quick and easy to use.
- SOLID'OIL™ is ready to use as it is, although a special hardener can be added (20%) to:
  - speed up the drying process
  - and/or be applied on wood floors subject to heavy use.
- SOLID'OIL™ gives a certain warmth to wood floors and the traditional matt look of oiled floors.
- The unique formula of SOLID'OIL™, which creates an interactive mesh with the wood fibres, impregnates in depth, nourishes and protects against dust and humidity.
- SOLID'OIL™ is suitable for all European woods and most exotic woods (on anti-siccative woods such as ipe, iroko, etc., consult § APPLICATION).
- Oiled floors are easy to restore and, when subject to heavy use, must be maintained regularly.
- SOLID'OIL™ guarantees the maximum level of non-volatile matter in its NATURAL version: 100% of the product applied nourishes and protects the wood. This optimum protection is possible due to the synergy of 3 vegetable oils. NATURAL gives the wood a delightful warm appearance
- SOLID'OIL™ is also available in 9 basic colours: snow, white grey, pearl, old castel, anthracite, vieux chêne, antic, black and metallic grey. These can be combined to form an infinite variety of shades, from natural to deep black, with many wood tones and a wide range of greys between.

\*The high concentration of SOLID'OIL™ enables it to impregnate most hardwoods with a single coat. A second coat is recommended on soft or very absorbent woods and on floors subject to heavy traffic.

## 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.
- **IMPORTANT: brushed woods produce more intense shades than smooth woods.**
- 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.
- Then clean thoroughly.
- 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 THINNER®.
- If necessary, use a suitable treatment product.

### Colouring and decorative effects

- Sanded wood floors can be stained with BLANCHON AQUATEINTE™ 2K, BLANCHON WATERBORNE DYE for woodfitters, or BLANCHON WOOD AGEING AGENT (positive shades). After drying, apply one coat of BLANCHON PRIM'OIL<sup>(1)</sup>. The overall effect of the stain should be visible after applying the coat of PRIM'OIL.
- The most interesting decorative effects are achieved on brushed wood, "aged" in advance or stained with BLANCHON WOOD AGEING AGENT.
- **IMPORTANT: on stained or coloured wood, its use, 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.**

<sup>(1)</sup>If necessary, carry out a test on a discreet spot.

## DIRECTIONS FOR USE

- SOLID'OIL™ is ready to use and must not be diluted. If you are particularly interested in optimising drying and durability, it is possible to add 20% HARDENER. Mixture usage time: 1 hr 30 It is highly recommended that you use the NATURAL version with the HARDENER.
- 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.
- Apply one coat of SOLID'OIL™ by brush, roller (short-haired) or spatula, in the direction of the wood. Using the spatula is recommended for the NATURAL version.
- Buff slowly with a floor cleaning machine fitted with a beige pad. This will make the coat applied uniform and enable you to obtain the definitive colour and appearance of your wood floor.
- **Trade pro tips:** after finishing the work, an overall rapid buffing of the entire area (floor cleaning machine, new beige pad) will enable you to achieve a perfect finish.
- SOLID'OIL™ 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<sup>(1)</sup>, to prevent extended drying times, which are inherent to these types of wood. Then apply SOLID'OIL™.
  2. On very absorbent woods, a second coat may be applied on the following day using the same method.

<sup>(1)</sup>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 SOLID'OIL™.

### 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.

**Blanchon**

## DRYING TIMES

- Dust-free drying: approx. 4 hours. For the NATURAL version (2-component): 6 hours.
- Before recoating: 12 hours under normal conditions. For the NATURAL version (2-component): approx. 16 hours.
- Occupation of premises: 2 days after applying the final coat, in normal conditions.
- Curing time: 8 to 10 days (5 to 7 days if SOLID'OIL™ HARDENER is used).
- During the first few days take some precautions: do not cover (protective sheets), do not place carpets on the 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 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

- 35 m<sup>2</sup> per litre per coat.

## MAINTENANCE

- The oiled surface must be regularly dusted (broom or vacuum cleaner).
- Occasional marks and stains can be easily removed with a neutral detergent (well-wrung cloth or mop and never dripping).
- **IMPORTANT: wait 15 days for the first intervention, so that the SOLID'OIL™ has time to dry thoroughly.**

A WELL MAINTAINED OILED WOOD FLOOR LOOKS MORE ATTRACTIVE OVER TIME.

### Routine cleaning

- For daily cleaning use BLANCHON LAGOON®, special wood floor cleaner.
- Complement this (weekly in rarely used rooms up to daily in heavy-traffic areas) with BLANCHON NATURAL SOAP in a solution of 50 ml to 5 litres of water, applied with a damp mop. NATURAL SOAP provides in-depth cleaning of wax-oiled wood floors while strengthening their protection.
- 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.

### Regular maintenance

- On a dust-free and clean oiled wood floor, apply BLANCHON MAINTENANCE OIL and wipe with a clean and dry cotton cloth to obtain a buffed matt finish.
- Choose the MAINTENANCE OIL shade that corresponds to the shade of SOLID'OIL™.
- This operation will be made easier and faster by using a 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: 8 hours after buffing.
- Frequency: whenever the oiled floor loses its matt finish, generally once or twice a month.
- If the wood floor is subject to heavy use, regular maintenance can be complemented by applying a general coat of SOLID'OIL™; follow up with a thorough buffing, by hand or machine (see § REFINISHING).
- 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 SOLID'OIL™.
- **Major refinishing:** on an oiled wood floor that has not been maintained as frequently as required by its use, it is possible to carry out a general sanding using a cleaning machine fitted with an abrasive disc (120 grain, for example) before applying a coat of SOLID'OIL™.

## TECHNICAL DATA

USE	Impregnation of parquets and floors
RESIN TYPE	Vegetable oils
AFNOR CLASSIFICATION	Family 1, class 2b
DENSITY	0.95 and 0.942 for Natural 100% (at 20°C, according to NF T 30020)
FLUIDITY	Coloured versions: 120 seconds (CA 4, at 20°C)
VISCOSITY	670 centipoises for 100% Natural (BROOKFIELD T3, 100 rpm at 20°C)
REGULATORY INFORMATION	Refer to the relevant Safety Data Sheets (available on <a href="http://www.blanchon.com">www.blanchon.com</a> or sur <a href="http://www.quickfds.com">www.quickfds.com</a> )
MIXING	20% HARDENER
PRESERVATION TIME OF THE MIXTURE	1hr 30
RECOATABLE 1	2 to 16 hours, depending on the temperature and humidity
RESISTANCE TO DIRT	Excellent
RESISTANCE TO HOUSEHOLD PRODUCTS	Vegetable oil, 40° alcohol, water, coffee, tea, ink: no adverse effects found (after 20 days' drying, as per NFT 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 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.
- 1<sup>st</sup> pass: coarse grit (24, 30 or 36) to expose the bare wood and level it.
- 2<sup>nd</sup> pass: medium grit (50 or 60) to get a smooth, even surface.
- 3<sup>rd</sup> pass: fine grit (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.

Technical Data Sheet approved by the Technical Service and issued in July 2018. 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.

50 8<sup>ème</sup> Rue  
69800 SAINT-PRIEST - FRANCE  
Tél. 04 72 89 06 00 - Fax 04 78 70 07 18  
Export Lines: Tel: (0033) 472 89 06 09  
Fax: (0033) 472 89 06 02

**Blanchon**