

## HIGH TRAFFIC VARIOUS FINISHES

Biobased formula  
tested to NF EN 16640  
standard

High chemical and  
mechanical resistance

Quick drying

Preserves the natural  
colour of wood

All locations subject  
to heavy traffic:  
shops, schools, public  
buildings, offices, etc.

All types of wood

Fire rating  
classification C<sub>fl</sub>S1\*\*

# Intensiv™



### PRODUCT DESCRIPTION

- BLANCHON INTENSIV™ is a 2-component, biobased, water-based polyurethane parquet sealer for use on hardwood floors. It contains 78% natural, mineral and biobased ingredients (not from organic farming), including 20% biobased carbon measured in accordance with standard NF EN 16640.
- INTENSIV™ is odourless, while Aqua Pro Hardener is a true, water-soluble polyurethane hardener.
- INTENSIV™ is based on complex carbon resins, selected for their unrivalled resistance to abrasion and scratching, and which do not react to potentially corrosive substances, such as cleaning agents, disinfectant, alcohol, wine, tea, ink, sauces, etc.
- Offering exceptional high performance and fast drying time, BLANCHON INTENSIV™ ideal for all sealing jobs, especially in locations subject to heavy foot traffic: shops, offices, hotels, conference rooms, schools, corridors, entrance halls, etc.
- INTENSIV™ can be applied to all types of commonly used wood (please contact us for information on rare woods and walnut). Its colourless appearance protects and enhances the grain and tone of the wood.
- 5 finishes for all types of wood: Gloss, Satin, Matt, Ultra-matt and Invisible effect. The 6<sup>th</sup> finish: Bare Timber has been specially designed to maintain the original appearance of light-coloured types of wood and should only be applied to this type of wood.
- Can be used on indoor concrete.

\*\*Fire rating classification C<sub>fl</sub>S1 obtained on an 8mm oak or beech floor glued to the supporting surface.

### SURFACE PREPARATION

- Sand old or new wood flooring to obtain a smooth, even surface: first sand to bare wood with 24 or 36 grit, then with 50 or 60 grit and finish with 100 or 120 (see APPENDIX).
- Then remove all dust thoroughly.
- The wood floor must be perfectly clean and dry. As a general rule, moisture content should be below 10%. Consult the current D.T.U. technical document (prohibiting the use of detergents or bleaching agents)
- On glued parquet flooring, we recommend using BLANCHON RESIN FILLER for «colour-matched» filling (consult product data sheet).

#### Insecticide treatment

- If necessary, use a suitable treatment product.

#### Wood staining

- Sanded parquet («bare» wood) can be stained using BLANCHON WOOD STAIN. In this case, after drying, apply 3 coats of INTENSIV™ (or 1 coat of BLANCHON PRIM'SEALER or FOND DUR S.O. primer, then 2 coats of INTENSIV™).
- Sanded parquet («bare» wood) can also be stained using BLANCHON WOOD AGEING AGENT (positive shades). When using these products, apply 1 coat of BLANCHON FOND DUR S.O. primer (in this particular case, do not use PRIM'SEALER) to lock in the colour. Then apply INTENSIV™.
- In all cases, never sand the stain itself, but only the second coat of finishing product, in order to maintain the quality of the stain. We recommend sanding with a fine abrasive only before applying the final coat of sealant.
- Do not use wood stain.

#### Use of primers

- The following BLANCHON primers may be used as a base coat: PRIM'SEALER or FOND DUR S.O. (Please refer to the relevant Technical Data Sheets).
- Using PRIM'SEALER enables a rapid, easy and odourless application. The colour obtained with PRIM'SEALER as a first coat is identical to that obtained by applying INTENSIV™ directly to the wood.
- Using FOND DUR S.O. primer enables fast sealing and gives the wood a lovely natural warmth enhancing the original tone. The FOND DUR S.O. primer is also essential for «blocking» the BLANCHON WOOD AGEING AGENT (positive shades before sealing with INTENSIV™).

### DIRECTIONS FOR USE

#### Preparation

- Shake Component A vigorously.
- The INTENSIV™ SEALANT (Comp. A) and the Aqua Pro Hardener (Comp. B) should be mixed together immediately before use. Ratio of component B: 1 part to 9 parts of component A (by volume).
- Mix immediately and thoroughly for 2 to 3 minutes. The mixture should be used within 90 minutes.
- No dilution is required.

N.B.: INTENSIV™ comes in special packaging (detachable container), which can be used directly for mixing and application. Place the plastic bag in one half of the pre-cut container to form a bowl for making up the mixture.

# Blanchon

# Intensiv™

## Application on wood

- Do not lacquer the wood floor if the temperature is lower than 12°C or if the relative humidity is higher than 85% (in accordance with the DTU in force); do not use on wood with a moisture content above 10%. Use only in well-ventilated areas.
- The product should be applied using a (short-haired) roller in 3 regular and generous coats, or with a spatula (for multiple coats). Alternatively, you can apply 2 coats on top of your chosen primer (see § SURFACE PREPARATION):
- If applying with a spatula (multiple coats), you should sand and remove dust before applying the final coat of INTENSIV™ with a roller. Do not apply INTENSIV™ with a spatula on beech, maple or cherry.
- Once the first coat has dried, light sanding with a buffing machine (fine sanding disc) is recommended, followed by careful vacuum cleaning to remove residual dust. Sanding is essential if more than 24 hours elapse between coats.

## Surface preparation and application on concrete

- Very easy to use, INTENSIV™ offers long-term protection against stains, dust and humidity. The treated surfaces are discreetly enhanced (wax finish), and are easy to maintain, even in high-traffic areas.
- Concrete floors, worktops, etc. (not suitable for water containers: sinks, showers, bowls, bathtubs, etc.) that are clean and bare (without other coatings such as wax, oil, varnish, etc.). Check the porosity of the material to ensure good adhesion: one spoonful of water poured onto clean concrete should penetrate in 1 minute. Repeat the test in different areas. Clean thoroughly with a vacuum cleaner, then with a damp mop. Allow to dry.
- In the case of a new concrete substrate, all surface laitance must be completely removed.
- Do not apply if the temperature of the surface is below 12°C or if the moisture content is greater than 5% (use of a hygrometer to measure the moisture is recommended). The relative humidity of the room must not exceed 85%. Use only in well-ventilated areas.
- Apply 2 coats in the direction of the light using a short-haired roller (use a brush or graining brush for the edges of the room). The coat should be thin, using approximately 1 litre per coat for 12 to 15 m². Apply evenly, avoiding areas of over- or under-application.

## Cleaning of tools

- Clean tools with water immediately after use. Do not reuse the containers.
- Protecting the environment:
  - Carefully remove excess moisture from the equipment after application; wipe thoroughly.
  - Rinse using very little water in a container; leave the water to evaporate.
  - The dry residue may then be disposed of normally in a bin.
  - Seal the container properly after use.
  - Do not discharge the residue into drains.
  - Dispose of the empty container at an appropriate waste collection centre.

## DRYING, HARDENING AND RETURNING TO USE

- Dust-free drying: 45 minutes under normal conditions.
- «Sandable/recoatable» drying: 3 hours in normal conditions.
- Do not wait more than 24 hours between coats.
- Curing time: 7 to 10 days.
- Light traffic: approximately 24 hours under normal conditions.
- Using the premises: take some precautions during the first 10 days: do not cover (protective sheets), do not place carpets on the varnished wood floor during this period. Do not move heavy furniture. Remove dust with a vacuum cleaner or broom (do not use impregnated textiles).
- Next: place suitable protection (felt) under the feet of tables and chairs. If necessary, a quality doormat placed at the entrance to the room will retain dust and gravel. Immediately wipe up any water or other liquid spillages on the floor (and take particular care with flower pots).

## COVERAGE ON WOOD

- 10 m² per litre per coat.

## STORAGE

- INTENSIV™ (Comp. A): Store carefully, protect from frost (take care when storing in vehicles).
- AQUA PRO HARDENER (Comp. B): not affected by frost.
- Seal both containers properly after use. Important: wipe the neck of the hardener bottle, so that the cap does not stick.

## CLEANING AND MAINTENANCE

- INTENSIV™ makes it easier to maintain all wooden floors, parquet floors and stairs.
- Remove dust regularly, using a vacuum cleaner or dustpan and brush.
- Mop the surface occasionally using a damp mop, but never a soaking wet one. Stains can be removed easily using BLANCHON LAGOON™, BLANCHON CLEANER LISABRIL™ or a neutral detergent (at normal concentration).
- **IMPORTANT:** allow 10 days to elapse before carrying out any cleaning or maintenance to give INTENSIV™ time to dry out thoroughly.
- **NOT RECOMMENDED:** floor cleaning machine, mop, silicone-based polishes, ammonia products or abrasive detergents, etc., i.e. any materials or products likely to damage the slip resistance of the product or increase its shine level.
- Parquet floors varnished with INTENSIV™ and subjected to heavy traffic should be maintained with BLANCHON PROTECTOR and CLEANER LISABRIL™ (see Technical Data Sheets for these products). Frequency of maintenance will depend on usage and traffic.

## RENOVATION

- Renovating an old sealant with INTENSIV™ should only be carried out after the wood has been stripped bare (see § SURFACE PREPARATION and APPENDIX).

| TECHNICAL DATA                   |  |
|----------------------------------|--|
| USE                              | ULTRA-HIGH-PERFORMANCE BIO-SOURCED VARNISH FOR PARQUET, FLOORS AND STAIRS  |
| TYPE OF RESIN                    | Comp. A: water-based polyurethane<br>Comp. B: water-borne polyurethanes  |
| AFNOR CLASSIFICATION             | Family 1, class 6a2  |
| DENSITY                          | 1.03 (at 20°C, as per NF T 30020)  |
| VISCOSITY                        | BROOKFIELD (Spindle 2, Speed 100 rpm at 20°C)<br>Comp. A: 150 to 200 centipoises depending on finish<br>Comp. B: 150 centipoises   |
| REGULATORY INFORMATION           | Refer to the relevant Material Safety Data Sheets (available at <a href="http://www.blanchon.com">www.blanchon.com</a> or <a href="http://www.quickfds.com">www.quickfds.com</a> ). Comp B: Dangerous. Follow the safety instructions. |
| MIXTURE AND CATALYSIS            | 9 parts of INTENSIV™ Comp. A + 1 part of INTENSIV™ Comp. B   |
| SANDABILITY - RECOATABILITY      | 3h, depending on temperature and moisture content  |
| SAFETY INSTRUCTIONS              | Do not apply below 12°C. Keep out of reach of children   |
| TABER ABRASION RESISTANCE        | Weight loss: 20 mg (CS 10 wheels, 1000 rpm, 1 kg)  |
| IMPACT RESISTANCE                | > 50 cm, 400 g mandrel (as per NF T 30039)   |
| SCRATCH RESISTANCE               | 7H pencil  |
| RESISTANCE TO HOUSEHOLD PRODUCTS | Overall score 53/60 according to NF EN 13442. Olive oil, 45° alcohol, water, coffee, tea, wine, detergent: Clear after 24 hours exposure (after 10 days drying).   |

### 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 wood grain, and, if possible, in the direction of the light.
- Work in even, regular "sweeps" to ensure that the entire surface is sanded in a uniform manner.
- 1<sup>st</sup> pass: coarse grain (24, 30 or 36) to ensure the wood floor is bare and level.
- 2<sup>nd</sup> pass: medium grain (50 or 60) to get a smooth, even surface.
- 3<sup>rd</sup> pass: fine grit (100 or 120) to obtain a good finish.
- Treat 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.).
- Using a powerful vacuum cleaner, remove all dust carefully from the area to be varnished, including any skirting boards, window ledges and radiators.

Technical Data Sheet approved by the Technical Service and issued in May 2025.

Designed, developed and manufactured in France.

The information contained in this Technical Sheet is provided in good faith as a guideline only.

Under no circumstances does it imply a guarantee on our part, or engage our liability during the use of our products.

This Technical File cancels and replaces all previous versions.

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