

Intensiv™



Outstanding
resistance to wear
& tear

High build properties

Odourless

Very high chemical
resistance

Flame-proof

EC1R Certification

Fast drying

Does not change the
wood colour

PRODUCT DESCRIPTION

- Blanchon **Intensiv™** is a two-component, water-based 100% polyurethane wood floor lacquer. Its technical performance and very low VOC⁽¹⁾ rating formula complies with highly selective environmental requirements. It has the German label Gev-Emicode EC1CR which offers the most ecological approach for internal application.
- **Intensiv™** is odourless (component B is a true, water-soluble polyurethane hardener and should not be compared to a simple cross-linker).
- **Intensiv™** is formulated with resins selected for their high resistance to abrasion, stains, wear and their remarkable flexibility.
- **Intensiv™** has excellent performance and is fast hardening. **Intensiv™** is ideal for all floor sealing jobs, particularly in high-traffic areas such as shops, offices, hotels, conference rooms, schools, corridors and entrance halls.
- **Intensiv™** can be applied on all common wood species (please consult us for rare woods and walnut). Its clear shade protects and enhances the wood grain.
- Available in 5 finishes: satin, matt, waxed oak, ultra matt and invisible effect.

⁽¹⁾ According to 2004/42/CE Regulation.

SURFACE PREPARATION

- Sand old or new flooring to obtain a smooth, even surface: the wood should first be sanded to bare wood with 24 or 36 grit, further sanded with 50 or 60 grit and then finished with 80, 100 or 120 grit (see Appendix page 2 for details on wood floor sanding).
- Remove all traces of dust and grease.
- The wood floor must be perfectly clean and dry. As a general rule, moisture content should be below 10%.
- Do not use detergents or whiteners.
- For glued wood flooring, use Blanchon Pro Filler® (water-based filler) or Blanchon Resin Filler which is recommended for colour-matched filling (please refer to the Technical Data Sheets for these products).

Insecticide treatment

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

Wood staining

- Floors sanded back to bare wood can be stained with Blanchon Aquateinte™ 2K. After the stain has dried, apply 3 coats of **Intensiv™** directly on top, or, alternatively, Blanchon Prim'Sealer or Blanchon Prim'Gold® and 2 coats of **Intensiv™**. Aquateinte™ 2K gives you a complete start-to-finish water-based system; the stain, primer and lacquer are all water-based without the need for a solvent-based primer to fix the stain.
- Floors sanded back to bare wood may also be stained using Blanchon Waterborne Dye or Blanchon Wood Ageing Agent. When using these particular products, once the stain has dried, apply 1 coat of Blanchon S.O. Primer to fix the stain - do not use Prim'Sealer or Prim'Gold® in this particular case. Then apply 2 coats of **Intensiv™** (note: that it is not recommended to use a 2-coat system ie. 1 coat of **Intensiv™** over 1 coat of primer).
- In all cases, never cut back the stain itself, but only the first coat of primer or finishing product ie. **Intensiv™**. In order to maintain the quality of the stain. It is also recommended to cut back with fine sandpaper before applying the final coat.
- Not to be used with other wood treatments.

Use of primers

- The following Blanchon primers can be used as a base coat; Prim'Sealer, Prim'Gold® and S.O. Primer (please consult the Technical Data Sheets for these products).
- Using Prim'Sealer or Prim'Gold® allows complete, odour-free sealing of wood floors. The colour obtained with Prim'Sealer as a first coat is identical to that of **Intensiv™** applied directly on the wood, while the use of Prim'Gold® brings wood (especially high-tannin woods; oak, chestnut) a warm shade, very close to the shade obtained after a coat of S.O. Primer.
- Using S.O. Primer allows fast sealing and gives the wood a lovely, natural warmth, enhancing the initial tone. S.O. Primer is essential as a base for the Blanchon Waterborne Dye or Blanchon Wood Ageing Agent before finishing with **Intensiv™** (see § Wood Staining).
- A 2-coat system with one coat of **Intensiv™** over 1 coat of primer is not recommended.

DIRECTIONS FOR USE

Mixing

- Stir components A and B well before use.
 - The **Intensiv™** Lacquer (component A) and **Intensiv™** Hardener (component B) should be mixed together immediately before use. Always use the following measures: 1 part Hardener to 9 parts **Intensiv™** Lacquer (by volume).
 - Stir well to obtain a thoroughly uniform mixture. This mixture should be used within 2 hours. No dilution is needed.
- NB: **Intensiv™** comes in special packaging (separable cardboard box) which can be used directly for mixing and application. Place the plastic bag in one half of the pre-cut cardboard box to create a bowl ready to mix the 2 components.

Application

- Never seal a wood floor if the temperature is below 12°C at ground level or relative humidity is above 85% (please respect the relevant standards in force). Do not apply on wood with moisture content above 10%. Only use in well-ventilated areas and remove plants and aquariums.
- Apply **Intensiv™** using a short-haired roller directly on hard wood in thick, even coats or using a spatula for multiple coats, or 2 coats over 1 coat of the primer of your choice (see § Surface Preparation). The slightly milky appearance of the liquid disappears during the drying process.

NB: the use of S0 Primer makes sanding easier.

Important: 2 coats can be applied with Invisible Effect and Ultra-Matt finish on prepared wood.

- Once the first coat has dried, a light sanding with a buffing machine (fine sanding disc) is recommended, followed by careful vacuum cleaning.
- Sanding is essential if more than 24 hours elapse between coats. This is due to the exceptionally fast hardening of the lacquer.

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Cleaning of tools

- Clean tools immediately after use with water. Do not reuse the containers.
- Protecting the environment:
 - Wring out cloths and wipe tools thoroughly after application.
 - Rinse with a little water in a container and allow the water to evaporate.
 - The dry residue can normally be discarded in the waste bin.
 - Seal the container properly after use.
 - Dispose of empty containers thoughtfully.
 - Do not discharge into drains.

DRYING TIMES

- Dust free drying: 45 minutes, under normal conditions.
- Drying before sanding/recoating: 4 to 6 hours, under normal conditions.
- Do not wait more than 24 hours between coats.
- Full hardening: 8 to 10 days.
- Light traffic: around 24 hours, under normal conditions.
- Normal use of the area: during the first 10 days, some simple precautions should be taken: do not cover with protective sheets or rugs, do not move around heavy furniture. Vacuum or sweep to remove dust (do not use wet mops or brushes).
- Subsequently, protect the floor using felt underneath table and chair legs and objects which could mark the floor. If necessary, a good quality mat placed at the entrance to the room will be of benefit. Immediately wipe up any water or other liquid spillages and take particular care with flower pots.

COVERAGE

- 10 m² per litre per coat.

STORAGE

- **Intensiv™** (component A): protect from frost (be careful if stored in vehicles).
- **Intensiv™** (component B): not damaged by freezing.
- Seal both containers properly after use. It is recommended to wipe the bottle neck of Hardener, so that the product does not stick to the cap.

MAINTENANCE

- **Intensiv™** eases the maintenance of all types of parquet, wood flooring and stairs.
 - Remove dust regularly, using a vacuum cleaner or dustpan and broom.
 - Mop the surface occasionally using a damp mop, never a soaking wet one. Stains can be removed with Blanchon Lagoon™ or a neutral detergent (follow manufacturer's recommendations for concentrations).
- Important: allow 10 days to elapse before carrying out any cleaning or maintenance to give **Intensiv™** time to cure properly.
- Not recommended; buffing machines, dust mops, silicone waxes, ammonia-based products or abrasive detergents, etc. ie. All materials and products likely to damage the slip resistance of the product or increase its shine level.
 - Heavy traffic areas finished with **Intensiv™** can be maintained on a regular basis with Blanchon Metamat®, Blanchon Protector (see Document "Maintenance Guide" or "How to keep your wood floor looking beautiful" and the relevant Technical Data Sheets). Frequency of maintenance will depend on usage.
 - On **Intensiv™** Matt effect use only Metamat®, Lagoon™ or Maintenance in order to keep the original appearance of the floor.

RESTORATION

- **Intensiv™** may be renovated with a fresh application. However, any refinishing using **Intensiv™** of a previously sealed floor should not be carried out before the wood has been sanded back to bare wood (see § Surface Preparation and Appendix).

TECHNICAL DATA

USE	Parquet, wood floor and stair lacquer
RESIN TYPES	Component A: water-based polyurethanes Component B: water-soluble polyurethanes
AFNOR CLASSIFICATION	Component A: family 1, class 7b2 Component B: family 1, class 6a
DENSITY	1.03 (at 20°C, as per NF T 30020)
VISCOSITY	Component A: 170 to 220 centipoises (BROOKFIELD) Component B: 400 centipoises (BROOKFIELD)
REGULATORY INFORMATION	Refer to the relevant Safety Data Sheets (also available on www.blanchon.com or www.quickfds.com)
MIXING AND CATALYSING	9 parts Intensiv™ component A + 1 part Intensiv™ component B
PRECAUTIONS FOR USE	Do not apply below 12°C. Keep out of reach of children
BEFORE SANDING/RECOATING	4 to 6 hours, depending on temperature and moisture content
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	Vegetable oil, acetone, 40° alcohol, water, coffee, tea, ink: no adverse effects found [after 20 days' drying, as per NF T 30053]. Do not use ammonia-based products

*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.

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