

**SPECIALLY
FOR SPORTS
CENTRES**

**Biobased formula
tested to standard
NF EN 16640**

**High resistance to
wear and black shoe
marks**

**Non-slip: tested by
LABOSPORT**

Applied in 3 coats

**Can be applied on
PRIM'SEALER,
or FOND DUR S.O.
primer**

**Fire rating
classification C_{fl}S1****

Sport™



PRODUCT DESCRIPTION

- BLANCHON SPORT™ is a two-component, biobased, water-based polyurethane resin parquet sealer. It contains 78% natural, mineral and biobased ingredients (not from organic farming), including 20% biobased carbon measured in accordance with standard NF EN 16640.
- SPORT™ was specially designed for parquet floors in sports centres:
 - Non-slip: slip resistance tested by LABOSPORT.
 - Its uniform finish gives it a flawless appearance, which enhances the playing surface.
 - Due to its exceptional resistance to wear, it offers efficient and long-term protection for sports floors.
- SPORT™ 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.

**Fire classification CflS1 achieved on 8mm-thick oak or beech flooring adhered to the support.

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 36 grain), refined with 50 or 60 grain, then finished with 80 or 120 grain (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 currently valid D.T.U. Technical document (prohibiting the use of detergents or bleaching agents).

Insecticide treatment

- If necessary, use a suitable treatment product.

Wood staining

- Sanded parquet («exposed» wood) can be stained with BLANCHON WOOD STAIN. In that case, after drying, apply 3 coats of SPORT™ (or 1 coat of BLANCHON PRIM'SEALER or BLANCHON FOND DUR S.O. primer, then 2 coats of SPORT™).
- Sanded parquet («bare» wood) can also be stained with BLANCHON WOOD AGEING AGENT (positive shades). When using these products, apply 1 coat of BLANCHON FOND DUR S.O. primer once the stain has dried (in this particular case, do not use PRIM'SEALER) to lock in the colour. Then apply 2 coats of SPORT™ (applying 2 coats of sealant, comprising 1 coat of SPORT™ over 1 coat of hard base coat is not recommended).
- 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. PRIMER (Please refer to the relevant Technical Data Sheets).
- The use of PRIM'SEALER enables rapid, easy and odourless application. The colour obtained with PRIM'SEALER as a first coat is identical to that obtained by applying SPORT™ directly to the wood.
- Using FOND DUR S.O. primer enables rapid 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 SPORT™).

DIRECTIONS FOR USE

Preparation

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

Blanchon

Sport™

Application

- Do not varnish 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.
- SPORT™ should be applied using a special (short-haired) roller in three even coats applied directly to the wood or 2 coats on top of the chosen primer (cf. § SURFACE PREPARATION): The slightly milky appearance of the liquid disappears within a few minutes as it dries. N.B.: Using FOND DUR S.O. primer makes sanding easier.
- Once the first coat has dried, light sanding with a buffing machine (120 grain sanding disc) is recommended, followed by careful vacuum cleaning to remove the dust.
- Sanding is essential if more than 24 hours elapse between coats.

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, CURING AND PUTTING INTO SERVICE

- 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

- 10 m² per litre per coat.

STORAGE

- SPORT™ (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. Wipe the neck of the Hardener to prevent the lid from sticking.

MAINTENANCE

- SPORT™ provides for easy maintenance of all types of wood flooring.
- 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 and other marks can easily be removed with LAGOON™ BLANCHON, 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 SPORT™ 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 SPORT™ and subjected to heavy traffic should be maintained using CLEANER LISABRIL™ (see the Technical Data Sheet for the product). Frequency of maintenance will depend on usage and traffic. In the case of maintenance using a metallised floor polish, please contact our Technical Services division.

REFINISHING

- Any refinishing of a previously sealed floor using SPORT™ should not be carried out before the surface has been sanded back to bare wood or cork (see § SURFACE PREPARATION and APPENDIX).

TECHNICAL DATA	
USE	FLOOR VARNISH FOR SPORTS CENTRES
TYPE OF RESIN	Comp. A: water-based polyurethane Comp. B: water-borne polyurethanes
AFNOR CLASSIFICATION	Family 1, class 6a2
DENSITY OF THE MIXTURE	1.03 (at 20°C, as per NF T 30020)
VISCOSITY	Comp. A: 150 to 200 centipoises depending on finish (BROOKFIELD) Comp. B: 150 centipoises (BROOKFIELD)
REGULATORY INFORMATION	Refer to the relevant Safety Data Sheets (also available at www.blanchon.com or at www.quickfds.com). Comp B: Dangerous. Follow the safety instructions.
MIXTURE AND CATALYSIS	9 parts of SPORT® Comp. ® component A + 1 part of SPORT® component B
SANDABILITY - RECOATABILITY	3hrs 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 SPORTS 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 sanded in an identical manner.
- 1st pass: coarse grain (24, 30 or 36) to ensure the wood floor is bare and level.
- 2nd pass: medium grain (50 or 60) to get a smooth, even surface.
- 3rd pass: fine grains (80) 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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