

Sport™



Excellent resistance to black shoe scuff marks

High build

Odourless

EC1R certification

Non-slip characteristics approved by DIN 51130 and NF P 90106

Anti-reflection matt finish

Specially formulated for sports halls

Applied as a 3 coats system

Recommended for stairs and areas where anti-slip properties are desirable

Applied over S.O Primer, Prim'Sealer or Prim'Gold®

PRODUCT DESCRIPTION

- **Sport™** is a two part water based polyurethane resin floor lacquer.
- **Sport™** is odourless (the Hardener is a true water-based polyurethane product and should not be compared to a cross-linker), which creates minimal inconvenience during application.
- **Sport™** is specifically formulated for sports hall wood floors:
 - The anti-slip characteristics have been tested and approved by DIN 51130 and NF P 90106.
 - The uniform appearance ensures a perfect finish and highlights the games surface.
 - The exceptional wear resistance ensures sports halls floors will have long lasting efficient protection.
- Very high performance and fast drying, **Sport™** is ideal for all floor sealing jobs where anti-slip characteristics are desirable (retirement homes, stairs, multi-purpose centres, community halls, theatres etc.).
- **Sport™** may be applied on all types of normally used wood (consult us for rare or tropical species). Its light shade protects and enhances the grain and tone of the wood.
- **Sport™** has the German label Gev-Emicode EC1R which offers the most ecological approach for internal application.
- Smooth, matt finish.

SURFACE PREPARATION

- Sand new or old wood floors to bare wood use a 24 or 36 grit, followed by medium sanding with a 50 or 60 grit and finish with an 80 grit paper [see Appendix* overleaf for details on sanding parquets].
- Thoroughly remove all dust.
- The wood floor should be completely clean and dry: in general, the moisture content should be less than 10%.
- Do not use detergents or whiteners.

Insecticide treatment

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

Wood staining

- Floors which have been sanded to bare wood may be stained with Blanchon Aquateinte™ 2K and after staining, directly coated with **Sport™** or Prim'Sealer ("fixing" the wood stain with Blanchon S.O. Primer is not necessary). In this case, it is recommended to apply 3 coats of lacquer and only sand before the final coat. 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 down to "bare wood" may also be stained with Blanchon Waterborne Dye (wood shades, coloured or pastel shades) or Wood Ageing Agent. "Fix" the Waterborne Dye or Wood Ageing Agent with a coat of S.O. Primer (do not use Prim'Sealer or Prim Gold in this particular case). Then apply 2 coats of **Sport™** (note: that 2 coat system comprising 1 coat of **Sport™** over 1 coat of primer are not recommended).
- In all cases, never cut back the stain itself, but only the first coat of primer or finishing product in order to maintain the quality of the stain. It is also recommended not to sand with a fine abrasive before applying the final coat.
- Not to be used with other wood treatments.

Use of primers

- If applying a 3-coats system (stained or particularly porous wood), a primer coat of Prim'Sealer, Prim'Gold® or S.O. Primer (see Technical Data Sheets of these products) may be applied, followed by 2 coats of **Sport™**.
- Prim'Sealer and Prim'Gold® allow a complete 3-coats lacquer system to be applied without odour, providing considerable time savings and easier sanding (consult the relevant Technical Data Sheet). The staining obtained with the first coat of Prim'Sealer is identical to that of **Sport™** applied directly onto the wood, while the use of Prim'Gold® brings wood (especially high tannin content wood such as oak and chestnut), a warm colour, close to that achieved with a coat of S.O. Primer.

DIRECTIONS FOR USE

Mixing

- Thoroughly stir components A and B.
- Mix together the Lacquer (component A) and the Hardener (component B) just before use. Mixing ratio: **Sport™** to component B: 10% of **Sport™** Lacquer.
- Mix immediately and thoroughly to a smooth even consistency. Usable life of the mixture is around 2 hours.
- No dilution required.

NB: **Sport™** is supplied in special, separable packaging that may be used directly for the mixing and application. Place the plastic bag in one half of the pre-cut packaging to form a bowl for making up the mixture.

Application

- Do not use on the wood floor if the temperature is lower than 12°C or if the relative humidity is higher than 85%. Never use on wood where the moisture content is higher than 10%. Use only in well ventilated areas. Keep any aquariums and plants away from the environment where the product is being applied.
- **Sport™** is applied with a special roller (short haired) in 3 even coats applied directly to the wood or 2 coats on the top of a primer (see § Surface Preparation). The slightly "milky" look of the liquid disappears in a few moments during drying.

Note: use the S.O Primer allows easier sanding.

- Once the first coat has dried, light sanding with a buffing machine (fine abrasive) is recommended, followed by careful removal of all dust.
- Light sanding is essential if more than 24 hours have passed between coats.

NB: wait at least 24 hours after the final coat of **Sport™** before tracing out floor markings with Blanchon Sport Stripes Paint (see Relevant technical data sheet).

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Cleaning

- Clean tools immediately after use with water. Do not reuse 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: 45 minutes, under normal conditions.
- Before sanding/recoating: 4 to 6 hours, under normal conditions.
- Do not wait more than 24 hours between coats.
- Final hardening: 8 to 10 days.
- Light use: around 24 hours, under normal conditions.
- Reuse of premises: during the first 10 days following application, some simple precautions should be taken: do not cover (use protective sheets) or lay rugs onto the area. Do not move about heavy furniture. Remove dust with a vacuum or broom (do not use impregnated textiles).
- 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 mat at the entrance will be of benefit. Immediately wipe up any water or other liquid spillages and take particular care with flower pots.

COVERAGE

- Around 10 m² per litre per coat.

STORAGE

- **Sport™** Lacquer (component A): protect from frost (be careful of storing in vehicles).
- **Sport™** Hardener (component B): not damaged by freezing.
- Carefully seal both containers after use. Wipe the neck of the Hardener container to prevent the lid sticking.
- Refer to the relevant Safety Data Sheets (also available on www.blanchon.com or www.quickfds.com).

MAINTENANCE

- **Sport™** simplifies the maintenance of all parquets, wooden floors and stairs.
 - Regularly remove dust with a vacuum cleaner or broom.
Occasionally wipe down with a damp mop (using well wrung, never wet). Small stains and marks may be removed easily with Blanchon Lagoon™, Protector or a neutral detergent (at the manufacturers recommended concentration).
- NB: wait 10 days after application to allow **Sport™** to harden fully.
- Never use buffing machines, fringed brooms, silicone polishes, ammonia-based products or abrasive detergents, etc. Generally, avoid any product or equipment designed to add gloss or shine.
 - Parquets sealed with **Sport™** that are subject to heavy use should be regularly maintained with Blanchon Protector (see documentation on the Maintenance guide and the relevant Technical Data Sheets). The frequency of maintenance depends on the level of traffic.

RESTORATION

- **Sport™** may be refinished with a fresh application. However, as a general rule, Sports hall wood floors should be sanded down to bare wood before being retreated.
- If applying **Sport™** on wood floors treated with any other type of sealer, the floor should first be sanded down to bare wood (see Appendix for details on sanding parquets).

TECHNICAL DATA

USE	Wood floor sealer for Sports halls and areas where excellent anti-slip properties are desired
RESIN TYPE	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 OF THE MIXTURE	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 Material Safety Data Sheets (also available on www.blanchon.com or www.quickfds.com)
PRECAUTIONS FOR USE	Do not apply below 12°C. Keep out of reach of children
MIXING AND CATALYSING	9 parts Sport Sealer (component A) + 1 part Sport Hardener (component B) (by volume)
BEFORE SANDING/RECOATING	4 to 6 hours, depending on the temperature and relative humidity
CAUTION FOR USE	Do not apply at a temperature below 12°C. Do not leave within the reach of children
TABER ABRASION RESISTANCE	Weight loss: 20 mg (CS 10 wheel, 1000 turns, 1 kg)
IMPACT RESISTANCE	50 cm, 400 g mandrel (as per NF T 30039)
SCRATCH RESISTANCE	7H pencil
RESISTANCE TO HOUSEHOLD PRODUCTS	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 SPORT HALL PARQUET 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 (80) to obtain a good finish.
- Do all the edges of the room with the edge sander and scraper.
- 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.

Respect
for people and
the environment



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