

Exceptional
resistance
to heavy traffic

3-DIMENSIONAL SYSTEM: Optimum resistance



Excellent build
properties



Odourless



Quick drying



Non-yellowing
amber look



For all heavy-use areas
where troublesome
odours are unwelcome:
schools, shops, public
buildings, offices, etc.



Can be applied directly
in 3 coats, or in 2c
onto PRIM'SEALER,
PRIM'GOLD
or S.O. PRIMER



Fire classification
 $C_{fl}S1^*$



Belmont™



PRODUCT DESCRIPTION

- BLANCHON BELMONT™ is an odourless 2-component, water-based, polyurethane lacquer. Its technical performance and formulation meet the most stringent ecological criteria.
- BELMONT™ is based on new, ceramic building resins, selected for their unequalled resistance to wear, abrasion and scratching, which do not react to potentially corrosive substances such as cleaners, disinfectants, alcohol, tea, wine, ink and sauces etc.
- 3D Technology: three-dimensional chemical structure that makes it one of the leading 2-component lacquers for chemical and abrasion resistance.
- Thanks to its exceptional performance and fast drying time, BELMONT™ is ideal for all floor sealing jobs, especially in high-traffic areas such as restaurants, shops, offices, hotels, conference rooms, schools, corridors and entrance halls.
- BELMONT™ can be applied on all types of commonly used wood (please contact us for information on rare woods, also beech and walnut).
- Available in 2 colourless finishes: satin and matt.

*Fire classification $C_{fl}S1$ 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).
- Remove all traces of dust.
- 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 down wood flooring, use BLANCHON PRO FILLER (water-based filler), or BLANCHON RESIN FILLER for filling and colour-matching (please consult Technical Data Sheets for these products).

Insecticide treatment

- If necessary, use a suitable treatment product.

Wood staining

- Floors sanded back to bare wood can be stained with BLANCHON AQUATEINTE™ 2K. After the stain has dried, apply 3 coats of BELMONT™ directly on top or alternatively, apply BLANCHON PRIM'SEALER or PRIM'GOLD and then 2 coats of BELMONT™. 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 it, once the stain has dried, apply one coat of BLANCHON S.O. PRIMER (do not use PRIM'SEALER or PRIM'GOLD in this application) to fix the stain. Then apply BELMONT™.
- In all cases, never cut back the stain itself, but only the first coat of primer or finishing product i.e. BELMONT™, in order to maintain the quality of the stain. It is also recommended to cut back with fine sandpaper prior to 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 or S.O. PRIMER (please consult the Technical Data Sheets for these products).
- The shade obtained after the first coat of PRIM'SEALER let the wood clear, while PRIM'GOLD gives the wood a deep, warm colour (especially high tannin woods like oak and chestnut), very close to the shade obtained after a coat of S.O. PRIMER or BELMONT™ applied directly onto the wood floor.
- It is essential to use S.O. PRIMER to fix BLANCHON WATERBORNE DYE, and BLANCHON WOOD AGEING AGENT before sealing with BELMONT™ (see § Wood Staining).

DIRECTIONS FOR USE

Mixing

- Shake component A well before mixing.
 - Always use the following measures: 0.5L of Hardener - component B - to 10L of BELMONT™ - component A - and 0.25L to 5L (by volume).
 - Mix immediately and very carefully in a bowl for 1 minute (use a spatula or stick, not the application tool). The mixture should be used within 90 minutes.
 - No dilution is needed.
- NB: BELMONT™ comes in special packaging (separable 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.

Application

- Do not lacquer 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.
 - Apply 3 coats of BELMONT™ in generous and even coats, using a roller with an 8mm nap, or 2 coats on top of the primer of your choice (see § SURFACE PREPARATION).
- IMPORTANT: the special character of its formula makes dedicated tools necessary for application (bowl, roller, grain brush).**
- Once the first coat has dried, a light sanding with a buffing machine (fine sanding disc) is recommended, followed by careful vacuum cleaning.
 - The lacquer hardens quickly so 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:
 - Carefully remove excess moisture from the equipment after application; dry thoroughly.
 - Rinse using very little water in a container; allow the water to evaporate.
 - The dry residue may then be disposed of normally in a bin.
 - Seal the containers properly after use.
 - Do not discharge the residue into drains.
 - Dispose of empty containers at a waste recycling centre.

DRYING TIMES

- Dust free time: approx. 45 minutes under normal conditions.
- Before sanding/recoating: approx. 4 hours, under normal conditions.
- Do not wait more than 24 hours between coats.
- Curing time: 5 days.
- Light traffic: approx. 24 hours under normal conditions.
- Precautions should be taken in the first 5 days of use: do not cover (use protective sheets) or lay rugs onto the lacquered area. Do not move heavy furniture. Remove dust with a vacuum cleaner 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 doormat at the entrance 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

- BELMONT™ (comp. A): store carefully, protect from frost. Be especially careful when storing in vehicles.
- BELMONT™ (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

- BELMONT™ gives you ease of maintenance.
- Remove dust regularly, using a vacuum cleaner or dustpan and broom.
- Occasionally wipe over with a damp cloth. Stains can be removed with BLANCHON LAGOON®, BLANCHON CLEANER LISABRIL™ 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 BELMONT™ time to cure properly.**
- Not recommended: buffing machines, mops, silicon waxes, products that contain ammonia or abrasive detergents, etc., i.e. all materials and products likely to damage the slip resistance of the product or increase its shine level.
- Heavy traffic areas finished with BELMONT™ can be maintained on a regular basis with BLANCHON satin or matt METALLISING PROTECTORS and CLEANER LISABRIL™ (see the Technical Sheets for these products). Frequency of maintenance will depend on usage and traffic.

REFINISHING

- Any refinishing using BELMONT™ 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	Lacquer for parquet and wood flooring
RESIN TYPES	Component A: water-based polyurethanes. Component B: water-soluble polyurethanes
AFNOR CLASSIFICATION	Family 1, class 6a2
DENSITY	1.02 (at 20°C, as per NF T 30020)
VISCOSITY	BROOKFIELD (T2, Speed 100 rpm/min at 20°C). Component A: 160 centipoises. Component B: 140 centipoises
REGULATORY INFORMATION	Refer to the relevant Material Safety Data Sheets (also available on www.blanchon.com or www.quickfds.com).
SAFETY INSTRUCTIONS	Do not apply below 12°C. Keep out of reach of children
MIXING AND CATALYSING	5% of component B (by volume)
BEFORE SANDING/RECOATING	4 hours, depending on temperature and moisture content
TABER ABRASION RESISTANCE	Weight loss: 14 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, 40° alcohol, water, coffee, tea, ink: no adverse effects found (after 20 days' drying, as per NF T 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 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 (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 issued in July 2018. 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.

50 8^{ème} 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

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