

Aquateinte™ 2K



Exceptional depth of colour



Odourless



Can be directly recoated with all water-based finishes



White Concept® finish: white or pearl grey



All colours can be intermixed



Ideal for a full Odourless water-based protection: stain + (primer) + finish



Ideal for wood floors and large surface areas



Interior use



PRODUCT DESCRIPTION

- Blanchon **Aquateinte™ 2K** is an odourless, 2-component, water-based polyurethane stain which can be cleaned with water.
- Its easy-to-apply formula and the depth of its colours make it ideal for large surface areas, wood floors in particular.
- **Aquateinte™ 2K** can be used on all types of wood floor, stairs, woodwork, furniture and panelling and on all types of wood (please consult us for rare woods).
- The **Aquateinte™ 2K** with Blanchon Prim'Aquateinte™ creates a unique system, White Concept®, which can achieve a white (or light white) finish on tannic woods, which often, discharge, leaving spots on the finished floor.
- **Aquateinte™ 2K** is available in seven wood shades: light oak, medium oak, rustic oak, wenge, ipe, jatoba, teak, four colours: black, mouse grey, slate grey, dove grey, two White Concept® stains, white and pearl grey, as well as colourless (for dilution purposes). All colours can be mixed together.

SURFACE PREPARATION

- **Aquateinte™ 2K** should be applied on clean, bare wood, free of wax, varnish, floor sealers, paint, etc.
- Wood Floors: parquets, wood floors and stairs should be sanded down to bare wood and levelled (stripping and waxing not recommended). The surface should be clean and free of traces of detergent, grease, wax, polish, and linseed oil (or other specific oils). Do not use detergents, whiteners or wood floor cleaners (see Appendix* on page 2 for details on sanding wood floors).
- 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).
- White Concept® System applied to tannic wood: if you wish to use the white or pearl grey colours it is vital to apply a basecoat beforehand with Prim'Aquateinte™ (see Product Data Sheet).
- Remove all trace of dust carefully.

DIRECTIONS FOR USE

Mixing

- Shake the two components vigorously before mixing.
- Mix **Aquateinte™ 2K** (comp. A) with the Hardener (comp. B) just before use. Always use 1 part hardener to 10 parts **Aquateinte™ 2K** (by volume).

Important: shake the mixture vigorously immediately after adding Hardener to **Aquateinte™ 2K**. Mix thoroughly and use within 2 hours. After this, the mixture thickens and gradually becomes unusable.

- No dilution is required (except with Colourless **Aquateinte™ 2K** to lighten a colour).

Application

- Use only in well-ventilated areas. Remove plants and aquariums from the area where the product is being applied. If spraying, use for preference Blanchon special parquet Waterborne Dye (wood shades, colours or pastel shades) or Wood Ageing-Agent (to age artificially the wood).
- Apply an even coat using a short-haired roller, or a brush for edges and small areas. Work evenly in the direction of the wood grain without overworking the stain. Do not re-soak the roller when overlapping the stain. Do not use a spray gun.

Important: after application, even out the coat of **Aquateinte™ 2K** using a buffing machine (white or beige pad). For best results, work on one area at a time. Once an area has been evened out, **Aquateinte™ 2K** can be left until the whole surface has been stained. For a perfect finish, use a buffing machine fitted with a white pad (use white cotton cloth to clean corners and areas difficult to access).

- **Aquateinte™ 2K** is easy to work with and does not peel, leaving a uniform and homogeneous surface.
- Thanks to its specific formulation, **Aquateinte™ 2K** can be directly recoated with a water-based primer or a water-based finish without prior sealing or fixing with a solvent-based product.
- Traditional finishes (Blanchon floor lacquer, varnish, oil, hard waxoil or wax): apply after 6 hours of drying. A Blanchon solvent-based primer can be applied between the stain and the traditional finish.
- If white or light finish need to be applied on tannic wood, it is imperative to use the White Concept® System: first apply on bare wood with a coat of Prim'Aquateinte™ then after 1h30 to 2 h without prior sanding, apply one coat of **Aquateinte™ 2K** grey or white finish.
- In all cases, never sand the stain directly, but the first coat of finish or primer, in order not to affect the colour: sanding the stain directly could cause shade differences.

Important: for a subtler effect, dilute with Colourless **Aquateinte™ 2K** so as not to affect the sheen and the ability of the product to resist dilution with water after application.

- Although a single coat of **Aquateinte™ 2K** is in most cases sufficient to achieve the desired effect, for a stronger effect, apply a second coat after 6 hours of drying.

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Aquateinte™ 2K

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

- Under normal conditions of use (temperature 20°C, 65% relative humidity, well-ventilated area):
 - Dust free: 30 minutes.
 - Before recoating: 6 hours minimum.

NB: do not leave metal objects [such as tools] in contact with the wood while drying.

COVERAGE

- Approximate coverage: 15 to 18 m² per litre depending on the type of wood and the colours chosen.

STORAGE

- **Aquateinte™ 2K** (comp. A): store away from frost (be careful if storing in vehicles).
- **Aquateinte™ Hardener** (comp. B): frost-proof.
- Seal all containers properly after use. Important: we recommend wiping the neck of the bottle of Hardener to prevent the product sticking to the cap.

TECHNICAL DATA

USE	Wood stain suitable for use under floor sealers
RESIN TYPES	Comp. A: acrylic Comp. B: water-based polyurethane
AFNOR CLASSIFICATION	Comp. A: family I, class 7b2 Comp. B: family I, class 6a
DENSITY OF COMPONENT A	1 (at 20°C, as per NF T 30020)
VISCOSITY	Comp A: <50 centipoise (BROOKFIELD) Comp B: 300 centipoise (BROOKFIELD)
REGULATORY INFORMATION	Refer to the relevant Material Safety Data Sheets (also available on www.blanchon.com or www.quickfds.com)
MIXING (invariable)	10 parts Aquateinte™ 2K (Comp. A) + 1 part Aquateinte™ 2K Hardener (comp. B)
BEFORE RECOATING	6 hours minimum under normal conditions

*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.

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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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