

## AQUASEAL® NATURALWHITE

### Description

AQUASEAL® NATURALWHITE is a two-component waterborne finishing product based on polyurethane. The product has a very high chemical and abrasion resistance and is suitable for high-traffic hardwood and softwood floors. Due to its elastic properties, AQUASEAL® NATURALWHITE is also suitable for raw cork surfaces.

### Certificates / Approvals



Giscode:	W2/DD+
AbZ-Nr.	Z-157.10-47
Safety of toys	DIN EN 71-3:
Saliva and perspiration authenticity	DIN 53160:
Slip resistance:	DIN 51130/DGVU 108-003 / R10 R11 (with AQUASEAL® ANTISLIP ADD)
Adhesion strength:	DIN EN ISO 2409
Abrasion resistance:	DIN 68861
Fire class:	Cfl-s1 according to DIN EN 14342 if the wood is Cfl-s1 certified and up to 100 g/m <sup>2</sup> of varnish has been used.
BvB:	listed
ATFA:	member
NWFA:	member
MFMA:	member
Minergie-ECO:	Compliant

Degree of gloss (measured at 60°)  
ultramatt (<5)

### Special instructions

When using the product with highly absorbing woods (beech, maple, etc.), we recommend priming with AQUASEAL® FLEXPRIMER, AQUASEAL® EXOBLOC or CLASSIC BASEOIL (color). To minimise edge bonding, AQUASEAL® EXOBLOC, AQUASEAL® FLEXPRIMER, CLASSIC BASEOIL or SolvSeal UNIQUICKPRIMER may be used alternatively as a primer. If the natural look of the wood is to be preserved when using a primer, make sure that the primer does not contain much polishing oil and is coloured accordingly. Otherwise, the product may be used as a complete system. With dark woods, we recommend using AQUASEAL® ROYALMAT.

Please avoid interchanging the hardeners of the different gloss levels.

### Application

Prior to application, AQUASEAL® NATURALWHITE is mixed with hardener AQUASEAL® NaturalWhite Härter (mixing rate 10:1) in an application bucket or in the BERGERTOOL MixBOX. Stir thoroughly after adding the hardener. A rest period of 10 min. before applying the coating ensures best results. The pot life of the coating and hardener mixture is 2 h, i.e. the mixture remains liquid for about 1 day, however, in that case it should be used as trowel primer only (decreased resistance of the dry finishing film). Only mix the quantity required for application.

The mixture releases CO<sub>2</sub> – so, to avoid containers from bursting, ensure that the seal is not airtight. The material is applied in 2-3 coats by roller/brush.

### Special tips

AQUASEAL® NATURALWHITE is specially recommended for light-coloured woods, to preserve the raw wood appearance. It is rolled thinly in 3-4 layers in the standard build-up. Consumption per coat approx. 70-90 ml/m<sup>2</sup>.

Naturalwhite is not recommended for trowelling. Depending on the visually desired color and lightening intensity, the last two coats can optionally be replaced by AQUASEAL® ROYALMAT. This reduces the lightening effect.

With Classic BaseOil white or naturalwhite as primer, the lightening effect is increased. AquaSeal® Flex-Primer can also be used as a primer. In this way, individual colour nuancing is possible. We recommend setting aside designated surfaces for trials.

### Drying

Apply at a maximum of one coat per day to avoid excessive swelling pressure. As a rule, the finish itself can be cautiously sanded and walked on after 3 to 4 hrs. Optimal application conditions are between 15 -25°C/40 – 65% relative humidity. High temperatures and low humidity will shorten the drying time while low temperatures and high humidity will lengthen the drying time. Insufficient ventilation, as well as thicker finish coats will considerably delay the drying. The coated floor walked on after 24 hrs under standard conditions. Do not expose to heavy foot traffic, cover with carpets or apply floor care products for 7 days.

### Consumption

Depending on substrate and working method:

1 roller/brush coat:  
approx. 70-90 ml/m<sup>2</sup> resp. approx. 11-14 m<sup>2</sup>/l (450-600 sf/gal) depending on degree of gloss

### Storage / transport

Shelf life of original unopened packing is a min. 12 months for both the finish and the hardener provided that the material is transported and stored in a cool and dry place protected from freezing.

### Industrial coated prefinished hardwood floors

AQUASEAL® NATURALWHITE is suitable for recoating many prefinished hardwood floors, however, due to the great number of products available, it is not possible to make any general recommendations. For this reason, individual adhesion tests are necessary in each case. We recommend basic cleaning with BRILLIANCE CLEANER L94 Wachsentrferner and wiping with clear water followed by careful screening with 120 grid prior to recoating. Please observe also our Technical Special Instruction Nr. 05.

### General remark

Please read the instructions carefully before applying this product. This Berger-Seidle product must be applied by a qualified timber flooring contractor, for whom this technical data sheet is intended. The activities shall be carried out in

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accordance with the standards applicable to the trade, and regulations of the country in which the product is used. The customer must be informed about the cleaning and care requirements of the product. Any use that does not conform to the scope of Berger-Seidle's application is considered improper. The improper use and non-compliance with the instructions in this information sheet, largely the responsibility of the person using the product, will void the manufacturer's liability and warranty. Before using the product, the general conditions for use must be thoroughly checked and understood.

### Cross reference

The following Technical Data Sheets should be observed:

- General instructions of use for hardwood floor finishing products
- Cleaning and maintenance of finished/oiled floors
- Identification and safety instructions (MSDS)

### Safety Precautions

May cause skin and eye irritation. May be harmful if swallowed. Avoid skin or eye contact and inhalation of vapors. Use with adequate ventilation. Wash thoroughly after handling. Keep unmixed containers closed. Do not seal containers containing mixed product due to release of carbon dioxide. Do not use for sputtering or spraying. Keep out of reach of children. Residual quantities should not be poured into sewage water drains, but disposed of in compliance with local, state, and federal regulations.

\* The degree of gloss depends on the method of application, the substrate and the room climatic conditions.

\*\*If the content of the Technical Data Sheet differs from other printed material, e.g. labels, the current version of the Technical Data Sheet on the homepage is always deemed valid. Printed material is always adapted when reprints are made.