

AQUASEAL® CERAMICSTAR

Description

AQUASEAL® CERAMICSTAR is a two-component, water-based premium-class hardwood-floor finish based on polyurethane. The product is highly abrasion resistant, of low viscosity and can be easily applied.

Supported by its ceramic components it provides an outstandingly robust finish. The product is recommended when there is a need to get back onto the floor quickly, with coated floors usable after 12h. Furthermore, the product is well suited for renovating old floors by blocking old substances in the floor that may be present.

AQUASEAL® CERAMICSTAR meets the requirements of DIN 51130 with the anti-slip class R9.

Certificates / Approvals



Giscode:	W3/DD+
Emicode:	EC1
AbZ-Nr.	Z-157,10-47
Slip resistance:	DIN 51130/DGVU 108-003 / R9 With AQUASEAL ANTISLIP ADD: R10/R11
Adhesion strength:	DIN EN ISO 2409
Abrasion resistance:	DIN 68861
BvB:	listed
Minergie-ECO:	Compliant
NWFA:	member
MFMA:	member
ATFA:	member
Fire class:	DIN EN 13501-1 Cfl-S1

Degree of gloss (measured at 60°)*

ultramatt	(< 10)
matt	(10-20)
semigloss	(30-40)

Special advice

In order to reduce the risk of edgebonding, AQUASEAL® FLEXPRIMER, AQUASEAL® EXOBLOC, CLASSIC BASEOIL or SOLVSEAL UNIQUICKPRIMER can be used as primer alternative. The finish is particularly suited for old floor renovation. In the case of old floors that are unclean we recommend to do a test area so as to recognize early on possible problems.

Application

AQUASEAL® CERAMICSTAR is mixed shortly before use, 10:1 with AQUASEAL® Härter (hardener) in the combo can or in the BergerTool MixBox. Mix well right after adding the hardener. Give the mixture 10 min. to rest, in order to get the optimum usability. The mixture is good for 2 h (open time); Note that the mixture remains liquid for about 1 day, but after 2h it should not be used, as the properties dry film finish will be affected. Mix only as much material as you will need. The mixture releases CO₂ – so, to avoid the cans bursting, do not seal them with an airtight seal!

The coating is applied in 3 coats by roller/brush. Highly absorbent wood species for example beech, maple and ash must not be trowelled but roller-coated!

Special tips

Contrary to conventional solvent-based finishes, AQUASEAL® CeramicStar finishes should be applied with more liberal coats. The coating should not be excessively spread with the roller. In order to achieve optimum mixing of the hardener, the mixture should be shaken rather than stirred.

A colored design with AQUASEAL® SPORTMARKING COLOR is possible.

Drying

In order to avoid excessive swelling pressure, we recommend only one roller application of the coating per day, so that the wood has enough time to release the absorbed water. As a rule, the finish itself can be sanded and cautiously walked on for further work after 3-4 h at 15-23°C/40-65% rel. humidity. Insufficient ventilation, low temperature, high humidity as well as thicker finish coats will considerably delay the drying. Under standard conditions the finished floor can be put to use after 12 h. Do not cover with carpets or apply care products for 7 days.

Consumption

Depending on surface and way of work:

1 trowelled coat when trowelling between coats:
about 30 ml/m² or about 35 m²/l

1 rolled or brushed coat:
about 120-100 ml/m² or about 10 m²/l (350-550 sf/gal)

Storage / transport

Shelf life of original unopened packing is a minimum of 12 months (finish and hardener) provided that the material is transported and stored at a cool and dry place protected from freezing. Started hardener cans must be air-tight sealed after use.

Prefinished works-coated wood parquet

AQUASEAL® CERAMICSTAR adheres well to many prefinished wood floors, but because there are very many products no conclusive general statements can be made. Generally, individual adherence tests should be conducted with each brand and type of flooring. In prior tests it has proved well to, prior to applying the coating, thoroughly clean the floor with BRILLIANCE CLEANER L94Wachsentferner (wax remover) and then to damp mop the floor with clear water. After the floor has dried it is to be matt-sanded carefully with grid 120. Please also refer to our Technical Special Information sheet Nr. 5.

Safety Precautions

May cause skin and eye irritation. May be harmful if swallowed. May cause an allergic reaction. Avoid skin or eye contact and inhalation of vapors.

AQUASEAL® CERAMICSTAR

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.

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 manual is intended. The activities shall be carried out in 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 the 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 read in conjunction with this data sheet:

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

* 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.