

AQUASEAL® SMARTSTAR

Description

AQUASEAL® SMARTSTAR is a two-component, water-based hardwood-floor finish based on high-quality raw materials. Due to its excellent resistances AQUASEAL® SMARTSTAR can also been used on heavy-traffic hardwood floors.

Certificates / Approvals



Giscode:	W3/DD+
AbZ-Nr.	Z-157.10-47
Suitability for sports floors:	DIN V 18032-2
Suitability for sports floors:	DIN EN 14904
Slip resistance:	DIN 51130/DGVU 108-003 R9/R10
ATFA:	member
NWFA:	member
MFMA:	member

Degree of gloss (measured at 60°)*

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

Recommended lacquer sequence

Priming possible with AQUASEAL® FLEXPRIMER. If a stronger firing is desired, AQUASEAL® EXOBLOC or CLASSIC BASEOIL can also be used as primer.

AQUASEAL® SMARTSTAR is rolled / coated in 2-3 layers.

Application

Shortly before use AQUASEAL® SMARTSTAR is mixed 10:1 with AQUASEAL® Härter (hardener) in the combo can or in the BERGERTOOL MixBOX. Mix well right after adding the hardener. The mixture is good 2 h (open time); that is though the mixture is liquid for about 1 day, because of declining resistances of the dried finish film after 2 h, it should not be used any more. Mix only as much material as you will need. The mixture releases CO₂ – so, to avoid the cans bursting, do not seal hermetically. The material is applied in 2-3 coats by roller/brush.

Special tips

Contrary to conventional solvent-based finishes, AQUASEAL® finishes should be applied in rich layers. The material should not be excessively spread with the roller.

Drying

In order to avoid excessive swelling pressure, we recommend to do only one rolled coat of water-borne finish per day, so that the wood has enough time to release the absorbed water.

As a rule, the finish itself can be cautiously sanded and walked on after 3-4 h at 23°C/50% humidity. Insufficient ventilation, low temperature, different humidity as well as thicker finish coats will considerably delay the drying. Do not expose to wear, cover with carpets or apply care products for 7 days.

Consumption

Depending on surface and way of work:

1 rolled/brushed coat: approx. 120-100 ml/m² or approx. 8-10m²/l (350 sf/gal)

Storage / transport

Shelf life of original unopened packing min. 12 months (finish) resp. 12 months (hardener) provided that material is transported and stored at a cool and dry place protected from freezing. Partially used-up hardener cans must be hermetically sealed.

General remark

Please read the instructions carefully before processing this product. This Berger-Seidle product must be processed by a qualified person for parquet laying, for whom this manual is intended. The activities shall be carried out in accordance with the rules of the craft, the state of the art and the applicable standards and regulations of the country in which the product is used. The specifications of DIN 18356 "Parquet and wood paving" and DIN 18365 "Flooring work", information sheets and technical information of the TKB, the BEB, the CTA and the BVPF-Bundesverband Parkett & Fußbodentechnik must be observed. The customer must be informed about the cleaning and care specifications 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 manual is largely the responsibility of the processor and as a result excludes the manufacturer's liability and warranty. Before using the product, the general conditions for use must be checked properly and professionally.

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)

* 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.