

AQUACHOICE SPORT B

Technical Data Sheet

Berger-Seidle

AquaChoice Sport B Two

Product description

AQUACHOICE SPORT B TWO is a two-component, water-based wood floor Finish based on polyurethane especially for use on sports floors. Its suitability is verified by a test certificate in accordance with MFMA and FIBA. Due to its outstanding resistance, AQUACHOICE® SPORT B TWO can also be used on other parquet floors subject to heavy traffic where special requirements are placed on slip resistance.

Certificates / Approvals



Giscode:	W3/DD+
AbZ-Nr.	Z-157.10-47
FIBA:	compliant product (matt)
Ö-Norm:	compliant product
Suitability for sports floors:	DIN V 18032-2
Suitability for sports floors:	DIN EN 14904
Fire class:	Cfl-s1 according to DIN EN 14342 if the wood is Cfl-s1 certified and up to 100 g/m ² of varnish has been used.
ATFA:	member
NWFA:	member
MFMA:	compliant product

Specifications

Components:	waterbased dispersions, according MSDS
Clarity:	translucent, dries clear
Scent:	unoffensive – amine
Texture:	richly smooth
Density:	8.65 lb/gal [1.04g/cm ³]
Packaging:	4.5 gal + 0.5 gal hardener [17,03l + 1,89l] 5L + 0,5L hardener [1,32gal + 16.9oz]
Sheen:	(measured at 60°)* gloss (>80) semigloss (30-40) satin (10-20)
Coverage:	350-550 sf/gal [120-100ml/m ² oder 8-10m ² /l]
Stability:	do not freeze
Levelling:	excellent
Defoaming:	excellent
Drying Time:	2 hrs.
Pot Life:	2 hrs.
Cure Time:	72 hrs, depending on climate conditions
Chemical	
Resistance:	excellent
Shelf Life:	15 months unopened
Flash Point:	N / A

For further details please refer to MSDS.

Recommended varnish sequence

Priming is possible with SPORT B SEALUP.

AQUACHOICE SPORT B COLOR LINEPAINT is applied either before or on the last layer of AQUACHOICE SPORT B TWO.

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Application Instructions

For professional use only.

Shortly before use AQUACHOICE SPORT B TWO is mixed 10:1 with AQUACHOICE Härter (hardener) in the combo can or in the BERGERTOOL MIXBOX. Mix well right after adding the hardener.

The mixture is good for 2 h (open time); at 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 airtight.

Contrary to conventional solvent-based finishes, AQUACHOICE finishes should be applied in rich layers.

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 73,4°F [20°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 72 hours.

Screening thoroughly is essential for good adhesion. Use new screens in time.

Standard built-up at renovation

After final sanding and screening to a 100/120 grit, the surface to be treated must be completely clean and dry. Carefully remove all sanding dust.

- Apply one coat of AQUACHOICE SealUp
- Apply one coat of AQUACHOICE SPORT B TWO
- SCREEN THOROUGHLY WITH GRIT 180
- Vacuum thoroughly
- Optional use of AQUACHOICE SPORT B COLOR LINEPAINT
- Screen thoroughly AQUACHOICE SPORT B COLOR LINEPAINT with Maroon Pad
- Vacuum thoroughly
- Apply 1-2 coats of AQUACHOICE SPORT B TWO

The primers AquaSeal ExoBloc and FlexPrimer can be used.

Standard built-up at Screen & Recoat

- Clean the floor thoroughly with CLEANCHOICE SPORT B POWERCLEAN
- Screen thoroughly with grit 180
- Apply one coat of AQUACHOICE SPORT B TWO

Processing instructions for the different products can be found in the corresponding TDS.

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Other built ups have to be discussed with our application engineers.

Maintenance and Care

Regular cleaning and care with compatible care products is essential for extended floor life and beauty. For best results, use CLEANCHOICE SPORT B POWERCLEAN for basic cleaning and tough stain removal. We recommend the installation of floor mats at each entry to keep out harmful dirt, mud and grit.

Storage / transport

Shelf life of original unopened packing min. 15 months (finish) resp. 15 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 sealed airtight.

Note on gymnasiums with sport floors

Please note that special conditions exist in gyms with sport-floors and these must be taken into account. For this reason, it is important that only 1 coat of water-based paint is applied per day. Due to the drying time of 24 h, the standard humidity of the wood will be reached once again with appropriate ventilation of the room. This method of operation ensures that damage to the parquet is prevented by extreme swelling. In addition, the detailed information in the respective Technical Data Sheets of the listed products must be observed.

Safety Precautions

Avoid skin or eye contact and inhalation of vapors. Use with adequate ventilation. Wear protective gloves and eye / face protection. 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.

For further details please refer to MSDS.

Description of first aid measures

If medical advice is needed, have product container or label at hand.

General information

In all cases of doubt, or when symptoms persist, seek medical advice. In case of unconsciousness give nothing by mouth, place in recovery position and seek medical advice.

Manufacturer's Recommendations

This Technical Data Sheet is based on extensive research and wide-ranging experience and is meant to assist you. Restrictive information and precautions have not been avoided in order to reduce risk of fault. Technical Data Sheets do not contain all applications or events that could occur with different species of wood, installation, techniques and finishing. Therefore, you cannot be released from the obligation to contact the

manufacturer in cases of doubt, to make your own tests on site and to be critically attentive during the job process. The contents of this data sheet are not legally binding and do not establish any contractual legal relationship. Neither seller nor manufacturer shall be liable for any injury, loss or damage, direct or consequential, arising out of the use of or the inability to use the product. This information is subject to change without further notice. 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 (USA/CAN = NWFA // AUS = ATFA). 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 & Fußboden-technik 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 exclude 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.