

AQUASEAL ROYALMAT

Product Description

AQUASEAL ROYALMAT is a two-component high-wear waterborne finish based on state-of-the-art polyurethane technology. This special chemistry provides excellent chemical resistance and is suitable for high-traffic hardwood floors. Its toughness and durability provide an alternative to traditional solvent/acid-based finishes. This finish will leave the floor looking like raw wood.

AQUASEAL ROYALMAT is environmentally safe, user-friendly and ready to use.

Certificates / Approvals:



Giscode:	W3/DD+
AbZ-Nr.	Z-157.10-47
Safety of toys	DIN EN 71-3:
Saliva and perspiration authenticity	DIN 53160:
Slip resistance:	DIN 51130/DGUV 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 ² of varnish has been used.
BvB:	listed
Minergie-ECO:	Compliant
ATFA:	member
NWFA:	member
MFMA:	member

Specifications

Components:	waterbased dispersions, according MSDS
Clarity:	translucent, dries clear
Scent:	unoffensive
Body:	full
Texture:	richly smooth
Density:	8.65 lb/gal
Packaging:	1 gal
Degree of gloss	(measured at 60°)* royalmatt (<5)
Sheen:	royalmatt (dark wood)
Coverage:	350-550 sf/gal
Stability:	do not freeze
Levelling:	excellent
Defoaming:	excellent
Dry Time:	3-4 hrs.
Pot Life:	2 hrs.
Cure Time:	24 hrs., do not cover with carpets or apply care products for 7 days

Chemical Resistance:	excellent
Shelf Life:	15 months unopened

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Flash Point: N / A

For further details please refer to MSDS.

Application Instructions

For professional use only.

AQUASEAL ROYALMAT can be used as its own system or with a sealer when sidebonding is a concern. If a sealer is required, AQUASEAL FLEXSEALER may be used. After final sanding and screening to a 100/120 grit profile, the surface to be coated must be completely clean and dry.

AQUASEAL ROYALMAT can be applied with a T-bar applicator, roller or brush, coating in the direction of the wood grain. Use clean tools – clean up with water. The material is rolled/painted in 3-4 layers.

Shake well before use. Prior to the application, AQUASEAL ROYALMAT lacquer is thoroughly mixed with AQUASEAL ROYALMAT Hardener (mixing ratio: 10:1) in a bucket or container.

The pot life (usability) of the mixture is approximately 2 hours. Only mix the quantity required for application. The finish mixture emits carbon dioxide, which must not be sealed in an airtight container to avoid bursting.

During the application, the temperature should not be below 55° F. For difficult wood species, such as beech, maple and ash, consideration should be given to coating with a BERGERTOOL UNIROLLER.

Apply in 3 uniform coats allowing each previous coat to dry sufficiently. Apply at a maximum of 2 coats per day. Screening after each coat is not necessary but recommended for a smoother final coat. Avoiding irregular application of the finish. A sufficient dry can be obtained in less than 2 hours at a constant temperature of 70° F and 50% relative air humidity. Do not re-coat before the previous coat is sufficiently dry. Insufficient ventilation, lower temperatures, increased coat thickness and erratic air humidity may prolong sufficient drying. Allow the finish to cure 24 hours before exposing to traffic.

Maintenance and Care

Regular cleaning and care with compatible care products is essential for extended floor life and beauty. For best results, use BRILLIANCE CLEANER L94 for basic cleaning and tough stain removal. We recommend the installation of floor mats at each entry to keep out undue dirt, mud and grit.

System Recommendations

For optimum results and a brilliant effect on the floor, we recommend the complete AQUASEAL System. All 1- and 2-component waterbased finishes and maintenance products of the current Berger-Seidle product-range. Do not use AQUASEAL ROYALMAT in combination with other 'liquid/wet' sealers or

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finishes. If coating over stains, follow manufacturer's instructions for acceptable dry times before application of finish. Adhesion testing over stains is strongly recommended.

AQUASEAL ROYALMAT is recommended as a coating over CLASSIC BASEOIL impregnation with CLASSIC PLUS. In this system CLASSIC BASEOIL is to be seen as an oilbased stain to influence grain enhancement or at least color.

AQUASEAL ROYALMAT has a shelf life of 1 year from production date.

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. 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.

Description of first aid measures

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

24-hour emergency number in side USA: +1 872 5888271

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.

In case of inhalation

Remove casualty to fresh air and keep warm and at rest. In case of irregular breathing or respiratory arrest provide artificial respiration.

Following skin contact

Take off immediately all contaminated clothing. After contact with skin, wash immediately with plenty of water and soap. Do not use solvents or thinners.

After eye contact

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Seek medical advice immediately.

Following ingestion

If swallowed, rinse mouth with water (only if the person is conscious). Seek medical advice immediately. Keep victim calm. Do NOT induce vomiting.

Most important symptoms and effects, both acute and delayed

In all cases of doubt, or when symptoms persist, seek medical advice.

Indication of any immediate medical attention and special treatment needed

First Aid, decontamination, treatment of symptoms.

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 excludes the manufacturer's liability and warranty. Before using the product, the general conditions for use must be checked properly and professionally. We recommend creating appropriate trial areas.

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.