

PRODUCT DATA SHEET

Aquaseal Waterproof Tanking Membrane

A READY-TO-USE LIQUID WATERPROOFING COMPOUND

PRODUCT DESCRIPTION

Aquaseal® Waterproof Tanking Membrane is a ready-to-use liquid waterproofing compound that is applied as a 2-coat system by brush. It provides a permanently flexible watertight membrane on floors and walls prior to tiling in shower areas, wet rooms and wet zones, and other areas subject to water exposure such as balconies and partially covered external areas. Non-hazardous and solvent free, it is quick drying, and tiling can commence after 12 hours.

Aquaseal® Waterproof Tanking Membrane can be used on its own in many applications where a flexible watertight membrane is required, or in conjunction with Aquaseal® Tanking Primer, Aquaseal® Tanking Tape and Aquaseal® Tanking Drain Mat, as part of the Aquaseal® Wet Room System, to provide a 100% waterproof membrane to conventional plaster and timber-based boards. It can be applied to all common building substrates such as plasterboard, MDF, plywood cementitious boards, blockwork, concrete & speciality wet room boards.

USES

- For showers, wet rooms and wet zones in bathrooms
- As a tanking membrane as part of the Aquaseal® Wet Room System
- As a waterproof membrane on most common building surfaces
- Balconies and partially covered external areas

CHARACTERISTICS / ADVANTAGES

- Permanently flexible and watertight.
- Can be used on most common building surfaces.
- Ready to use, no diluting necessary.
- Easy to apply by brush.
- Non-hazardous, solvent free.
- Can be tiled over after 12 hours.

Specific Gravity	ca. 1.35 g/cm ³
Solids Content	65-70%
Drying Time	Minimum 6 hours depending on ambient temperature.
Coverage	4-7.5 m ² per 5L depending on porosity of substrate.

PRODUCT INFORMATION

Packaging	5L pail
Appearance / Colour	Blue paste
Shelf Life	24 months from the date of manufacture when stored according to manufacturers instructions.
Storage Conditions	Store in cool, dry conditions between +5°C and +25°C. Storage outside these parameters will dramatically reduce shelf life. Protect from frost.

APPLICATION INFORMATION

Ambient Air Temperature	10°C to 35°C
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APPLICATION INSTRUCTIONS

SUBSTRATE QUALITY

All surfaces must be clean, sound and dust-free.

APPLICATION METHOD / TOOLS

Prime porous and semi porous substrates with Aquaseal® Tanking Primer (where this is not available use a suitable SBR Bonding Agent, such as Everbuild® 503 SBR Bond, diluted with 4 parts water) and allow to dry for one hour before applying the membrane. Apply by brush (at least 75mm / 3" wide) in two coats which should be applied in different directions at right angles to each other to ensure full surface coverage is achieved with no weak spots. Apply the first coat horizontally and allow to dry for a minimum of 6 hours. Then apply the second coat vertically. Pay careful attention to edges and corners to ensure that the coverage in these areas is always consistent as these are the potential weak spots where leakage could occur. We always recommend the use of Aquaseal® Tanking Tape on corners and board joints prior to applying the membrane to ensure the integrity of the watertight seal. Aquaseal® Tanking Tape provides cross-directional movement at corners and on board joints and is available in 10 metre rolls. The Aquaseal® Tanking Drain Mat is also recommended around the drain outlet, which is the area most susceptible to leaks. As a guide the finished two-coat system, when dry, should have a minimum thickness of 1mm. Allow the second coat to dry thoroughly for up to 12 hours before tiling.

LIMITATIONS

- Do not apply below 10°C.
- Do not apply externally when rain is imminent (within 6 hours).
- Do not apply second coat until the first is dry.
- Damp or humid conditions will significantly extend drying time.
- It is the user's responsibility to determine suitability for use. If in doubt contact Technical Services for advice.

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VALUE BASE

All technical data stated in this Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

LOCAL RESTRICTIONS

Note that as a result of specific local regulations the declared data and recommended uses for this product may vary from country to country. Consult the local Product Data Sheet for the exact product data and uses.

ECOLOGY, HEALTH AND SAFETY

Local safety regulations must be observed and it advisable to wear PPI when working with this product with particular attention paid to cutting and handling. Transportation Class: The product is not classified as hazardous good for transport. Disposal: The material is recyclable. Disposal must be according to local regulations. Please contact your local Sika sales organisation for more information.

LEGAL NOTES

The information, and, in particular, the recommendations relating to the application and end-use of Sika products, are given in good faith based on Sika's current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with Sika's recommendations. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The user of the product must test the product's suitability for the intended application and purpose. Sika reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Product Data Sheet for the product concerned, copies of which will be supplied on request.

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