

PRODUCT DATA SHEET

Sika® Aqua Blok® SBR

A high performance, premixed, Class III, waterproof membrane design for under tile and stone applications.

DESCRIPTION

Sika® Aqua Blok® SBR is a highly flexible, fast-drying, Styrene Butadiene Rubber latex modified waterproofing membrane. Sika® Aqua Blok® SBR has excellent adhesion to most common building substrates and is suitable for internal and external waterproofing of shower recesses, bathrooms, balconies, roofs and decks.

USES

- Concrete
- Sand / cement screeds
- Cement render
- Fibrous cement sheeting
- Structural particle board sheeting
- Compressed cement boards
- Water resistant plasterboard
- Structural plywood sheeting

CHARACTERISTICS / ADVANTAGES

- High Extensibility >300%
- Micro fibre enhanced reinforcement
- Grey colour
- Internal and external applications
- Premixed – No mixing, ready to use
- Water based - solvent free
- Compatible with Sika® and CTA® range of tile adhesives

VOC content:

0.1% w/w

APPROVALS / CERTIFICATES

AS/NZS 4858: Wet area membrane
Branz Test Certificate DC11717-001

PRODUCT INFORMATION

Packaging	15 Litre plastic pails / 48 pails per pallet
Colour	Grey
Shelf life	If unopened 12 months from date of manufacture.
Storage conditions	Store in dry, weatherproof environment, protected from direct sunlight at temperatures between +5°C and +25°C.
Volatile organic compound (VOC) content	
Consumption	FLOORS: Apply two coats to achieve a minimum dry film thickness of 1.0mm. Application coverage rate of 1L/m ² per coat. WALLS: Apply two coats to achieve a minimum dry film thickness of 0.5mm. Application coverage rate of 0.5L/m ² per coat. Coverage may vary depending on substrate and application method.

Applied product ready for use

Application	Wait time
Ready for 2nd coat	2-3 hours
Ready for Tiling	12 hours
Flood testing	4-5 days
Return to wet area service	4-5 days

Drying times are determined in laboratory conditions at 23°C and 50% relative humidity. Allow longer in cold or high humidity climates.

BASIS OF PRODUCT DATA

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

IMPORTANT CONSIDERATIONS

LIMITATIONS

- Sika® Aqua Blok® SBR is not suitable for negative hydrostatic head of water pressure.
- Sika® Aqua Blok® SBR must not be applied over damp or wet substrates. Refer to priming for green screeds
- Sika® Aqua Blok® SBR must not be applied in rain or if bad weather is imminent.
- Sika® Aqua Blok® SBR must not be applied over coatings or contaminations.
- Sika® Aqua Blok® SBR must be applied at the recommended coverage rate.
- Sika® Aqua Blok® SBR must not be used in submerged applications.
- Sika® Aqua Blok® SBR must not be used as a trafficable, exposed or UV stable coating and design to be covered by a tile or stone.
- Do not apply Sika® Aqua Blok® SBR when the temperature is below 5°C or greater than 35°C.
- Do not allow Sika® Aqua Blok® SBR to freeze.
- To eliminate contamination or damage, the finished covering must be applied as soon as Sika® Aqua Blok® SBR has cured.
- Timber floors must be overlaid with suitable cement sheeting prior to waterproofing.
- Contact Sika® Technical Services for advice if further information is required

ECOLOGY, HEALTH AND SAFETY

For information and advice on the safe handling, storage and disposal of chemical products, users shall refer to the most recent Safety Data Sheet (SDS) containing physical, ecological, toxicological and other safety related data.

APPLICATION INSTRUCTIONS

EQUIPMENT

- Protective personal equipment
- Paint brush, or roller

SUBSTRATE PREPARATION

All surfaces to be waterproofed must be firm, clean, dry, structurally sound and smooth. All grease, oil, wax, curing compounds, dust, loose material, laitance

and other contaminants must be removed. All projections and rough spots should be dressed off to achieve a level surface. The substrate surface must be continuous and not pond water.

Concrete

Allow at least 28 days for the concrete to cure. Concrete should be left with an open surface – standard wood float or broom finish. All traces of curing compounds or sealers should be removed prior to application. Old concrete must be thoroughly cleaned and washed and allowed to dry. The surface should be even unless falls are incorporated where required, imperfections to be repaired with a suitable Sika® Mono-Top repair mortar.

Sand / Cement Screeds and Renders

The screeds and / or renders must conform to the appropriate standard and should be left with a wood float finish and left to cure for at least cure for 7 days. Refer priming for green screeds.

Building Boards

Water resistant plasterboard, fibrous cement sheeting, marine ply must be solidly fixed in accordance with the manufacturer's instructions specifically for tiling.

Particleboard

Particleboard must be fixed in accordance with the manufacturer's instructions specifically for tiling and free from any movement. Secure floor with additional fixings and wedges, sand any surface contamination after initial preparation. The area must be primed with ECO SYSTEMS® Prep 'N' Prime.

Static Crack & Sheet Joint Treatment

For static cracks 0.5 – 3mm wide rout out and clean thoroughly before filling with Sika® Neutral Cure silicone to form a Bond Breaker, For all sheet joints and seams clean thoroughly and fill with Sika® Neutral Cure silicone to form a Bond Breaker, apply a liberal coat of Sika® Aqua Blok® SBR extending 100mm either side of the crack and place Aqua Blok® reinforcing bandage into the wet membrane, press down firmly to ensure good contact, apply another liberal coat of Sika® Aqua Blok® SBR to the entire surface to embed the bandage. For dynamic cracks, expansion joints and control joints contact Sika® technical service for advice.

BOND BREAKER

Sika® Aqua Blok® SBR has high extensibility and is designed for use with a 12mm Bond Breaker, a bead of Sika® Neutral Cure silicone or Sikaflex® Fillet Joint must be tooled off to form a 12mm wide bond breaker. A bond breaker must be installed at areas subject to movement, wall/wall junction, wall/floor junction, sheet joints and seams, penetrations and where there is a change in the direction or substrate type. A suitable Sika® flexible waterproofing tape may also be used

as a bond breaker tape.

CONNECTOR SEALANT

Where a connector sealant is required use a suitable Sika connector Sealant such as Sikaflex Fillet, or Sikaflex 419 Fillet SF.

PRIMING GUIDE

All substrates shall be primed prior to application.

<u>Application</u>	<u>Primer</u>
Porous substrates	Eco Prime WB
Dense substrates	Sika® Prep n Prime
Green screeds and render	Sikalastic® Moisture Seal
Non porous substrates / water based epoxy coat- ings	Sika® Prep n Prime

For other suitable Sika® primers contact Sika® Australia.

APPLICATION METHOD / TOOLS

Sika® Aqua Blok® SBR may be applied using a brush or roller. The surface must be continuous, Sika® Aqua Blok® SBR cannot span gaps or voids. A minimum of two coats is recommended, each coat must be applied in a perpendicular direction to the previous coat. Allow for the Sika® Aqua Blok® SBR to dry between coats. The application must conform to Australian Standards and relevant local building codes. Ensure there are no defects or damage to the waterproofing membrane, if necessary repair and rectify by applying a third coat.

CLEANING OF EQUIPMENT

Clean tools and equipment with clean water while the material is still wet. Cured coating can only be removed mechanically.

LOCAL RESTRICTIONS

Please note that as a result of specific local regulations the declared data for this product may vary from country to country. Please consult the local Product Data Sheet for the exact product data.

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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