

PRODUCT DATA SHEET

Aqua Blök™ BT

SINGLE COMPONENT, MOISTURE CURED POLYURETHANE WATERPROOFING MEMBRANE

DESCRIPTION

Aqua Blök™ BT is a single component, bitumen modified, moisture cured polyurethane waterproofing membrane designed to form a permanently flexible, seamless waterproofing membrane that is impervious to moisture.

PRODUCT FEATURES

- Economical
- Highly flexible - Class III
- Permanently flexible
- One part - No mixing
- Excellent adhesion to substrates

AREAS OF USE

- Concrete
- Cement render
- Planter boxes
- Below grade exterior
- Retaining walls

SURFACE PREPARATION

All surfaces to be waterproofed must be firm, clean, dry, sound and smooth. All grease, oil, wax, curing compounds, dust, droppings, loose material, paint and other contaminants must be removed. Concrete must be allowed to cure for 28 days and cement render and sand and cement screeds must be allowed to cure for 7 days prior to the application of Aqua Blök™ BT. Surfaces must be even and smooth and any imperfections repaired with a suitable mortar. Porous, damp or moist substrates must be primed using Aqua Blök™ MOISTURE SEAL. Highly porous and dusty surfaces may require a second coat of Aqua Blök™ MOISTURE SEAL. Apply Sika® Sikaflex Polyurethane Sealant to the joints and wherever there is a change in the direction of the substrate, tool off to form a coved fillet extending a minimum of 10mm onto adjacent surfaces before the application of Aqua Blök™ BT.

Static Crack Treatment: For cracks less than 1.5mm, clean thoroughly before filing with Sika® Sikaflex Polyurethane Sealant. Apply a liberal coat of Aqua Blök™ BT extending 100mm either side of the joint. Allow to cure before general application of Aqua Blök™ BT. For dynamic cracks, expansion joints and control joints contact Sika® Technical Department for further advice.

MIXING

Single component, ready to use undiluted, prior to application using a stirrer mix thoroughly to produce a homogenous liquid.

APPLYING

Aqua Blök™ BT may be applied using a roller, brush or airless spray. A minimum thickness of 1.5mm dried film thickness of Aqua Blök™ BT is required for optimum waterproofing properties. The surface onto which Aqua Blök™ BT is applied must be continuous. Aqua Blök™ BT cannot span gaps. A minimum of two coats of Aqua Blök™ BT is required, application coverage rate of 0.8m²/litre per coat. Aqua Blök™ BT must be uniformly applied to avoid thin spots and care must be taken to avoid pinholes. Aqua Blök™ BT must be covered with suitable protective boards prior to back filling and not exposed to UV light.

COVERAGE

Apply the first and second coats each using a coverage rate of 1 litre per 0.8m². Coverage will vary depending on substrate and application.

DRYING

Allow 24 hours between coats. Allow longer in adverse weather conditions.

CLEANING

Clean tools and equipment with Xylene while the membrane is still wet. Use disposable brushes and roller sleeves. Hardened and/or cured material can only be removed mechanically.

STORING

Unopened pails may be stored for up to 12 months from date of manufacture when stored in a cool, dry, weatherproof environment. Aqua Blök™ BT must be stored out of direct sunlight and away from heat.

HANDLING

Sika® supports best practice in material handling: Gloves, mask and protective clothing should be worn. For further information refer to product SAFETY DATA SHEET.

PACKAGING

18.9 litre metal pail.

LIMITATIONS

- Aqua Blök™ BT is not suitable to be tiled over.
- Aqua Blök™ BT is not designed to stop a hydrostatic head of water pressure.
- Aqua Blök™ BT must not be used over damp, wet or contaminated substrates.
- Aqua Blök™ BT must not be applied if it is raining or if rain is imminent.
- Aqua Blök™ BT must not be applied directly over protective coatings.
- Aqua Blök™ BT must not be applied greater than a depth of 1.5mm in one application.
- To eliminate possible damage, it is recommended that protective covering be applied as soon as the membrane has cured.
- Aqua Blök™ BT must not be exposed to UV light or used as a wearing surface for foot or vehicle traffic.
- Do not apply where the surface temperature is below 10°C or greater than 35°C.
- Unbonded screeds must be a minimum of 30mm thick and reinforced.
- Contact Sika® Technical Department for advice if further information is required.