



Aqua BlokTM BT



AQUA BLOKTM BT is a single component, liquid applied, coal tar free, 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 BLOKTM 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 BLOKTM MOISTURE SEAL. Highly porous and dusty surfaces may require a second coat of AQUA BLOKTM MOISTURE SEAL. Apply AQUA BLOKTM FILLET SEAL 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 BLOKTM BT.

Static Crack Treatment

For cracks less than 1.5mm, clean thoroughly before filling with AQUA BLOKTM FILLET SEAL. Apply a liberal coat of AQUA BLOKTM BT extending 100mm either side of the joint. Allow to cure before general application of AQUA BLOKTM BT. For dynamic cracks, expansion joints and control joints contact the CTATM 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 BLOKTM BT may be applied using a roller, brush or airless spray. A minimum thickness of 1.5mm dried film thickness of AQUA BLOKTM BT is required for optimum waterproofing properties. The surface onto which AQUA BLOKTM BT is applied must be continuous. AQUA BLOKTM BT cannot span gaps. A minimum of two coats of AQUA BLOKTM BT is required, application coverage rate of 0.8m²/litre per coat. AQUA BLOKTM BT must be uniformly applied to avoid thin spots and care must be taken to avoid pinholes. AQUA BLOKTM BT must be covered with suitable protective boards and/or geotextile drainage layer prior to back filling and not exposed to UV light.

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.

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.

STORING

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

HANDLING

CTATM supports best practice in material handling: Gloves, mask and protective clothing should be worn. If the product comes into contact with the skin, wash off with warm soapy water. Avoid inhaling the vapour by wearing a mask and provide adequate ventilation. If swallowed drink plenty of water and seek medical advice. In case of contact with the eyes, rinse with an eye wash or wash away with plenty of clean water. For further information refer to product MATERIAL SAFETY DATA SHEET

PACKAGING

18.9 litre metal pails.

LIMITATIONS

- AQUA BLOKTM BT is not suitable to be tiled over.
- AQUA BLOKTM BT is not designed to stop a hydrostatic head of water pressure.
- AQUA BLOKTM BT must not be used over damp, wet or contaminated substrates.
- AQUA BLOKTM BT must not be applied if it is raining or if rain is imminent.
- AQUA BLOKTM BT must not be applied directly over protective coatings.
- AQUA BLOKTM 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 BLOKTM 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 CTATM Technical Department for advice if further information is required.

WARRANTY

Construction Technologies Australia Pty Ltd (CTATM) warrants its products for a period of twelve (12) years from the date of sale. Visit www.ctaust.com.au to view the full terms and conditions of this warranty.

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