

ATECHPROOF® WET ROOM

INTERNAL WET AREA NON EXPOSED WATERPROOFING MEMBRANE

ATECHPROOF® WET ROOM is a fast cure, waterborne flexible single component SBR polymer waterproofing membrane designed for use under tiled finishes capable of accommodating expected structural movement.

HIGHLY DURABLE // HIGH ELONGATION // LOW ODOUR // FAST CURE

TESTING AND APPROVALS

ATECHPROOF® WET ROOM is compliant with the following standards:

- AS4858: Class III Wet Area Membranes.
- AS3740: Waterproofing of Domestic Wet Areas.
- AS4654: Waterproofing of External Above Ground.
- AS4020: Products for use with Drinking Water.

RECOMMENDED SUBSTRATES

- Cementitious substrates
- Compressed cement sheets
- Concrete / concrete blocks
- Exterior
- Fibre cement sheeting
- Interior
- Masonry
- Natural stone
- Particle board / Plaster board
- Plywood sheeting
- Prefabricated concrete
- Rammed earth
- Reconstituted stone
- Renders
- Screeds

AREA OF USE

- Bathrooms
- Kitchens
- Laundries
- Patios
- Non exposed
- Shower recesses
- Under-tiles
- Balconies

FEATURES AND BENEFITS:

- Permanently flexible
- Low VOC content
- Single pack no mixing
- Excellent adhesion to a wide variety of substrates
- Dries to a keyed finish to enhance adhesion
- Designed for use with a bond breaker
- Safe and easy to use
- Quick drying



SURFACE PREPARATION

- The surface should have a light even texture. Masonry should be flush pointed and all defects in existing surfaces made good.
- Surfaces must be firm, clean, dry, sound and free from dust, grease, curing compounds, release agents, loose particles, efflorescence, concrete laitance or any other contaminants.
- All high points and protrusions should be removed, blow holes and areas of honeycombing should be filled and the surface should be brought back to an even profile using a suitable repair mortar.

NOTE: Due to the wide variety of substrates available, adhesion testing is recommended in a trial area before full application.

PRIMING

- Porous substrates must be primed with SUPERPRIME™.
- Non-Porous substrates must be primed with ELITEPRIME™.
- Damp touch dry substrates must be primed with MIGHTYPRIME™.
- If a vapour barrier is required to protect against hydrostatic pressure, 2 coats of MIGHTYPRIME™ must be applied. Failure to do so may result in poor adhesion and subsequent delamination.

APPLICATION

All areas to receive membrane must be primed using the appropriate primer. **ATECHPROOF® WET ROOM** can be applied by brush roller or trowel in multiple coats.

Apply **ATECHPROOF® WET ROOM** to the wall/wall joints applying material at least 100mm on either side of the joint, and in the case of a designated shower area, the total wall area is up to rose height.

Waterproof wall joints to 1800 mm from the finished floor level and a minimum width of 40 mm on either side of the junction. Seal all tap, shower rose, and bath spout penetration. All floor/wall joints should be waterproof to a minimum of 40 mm on either side of the junction and 150mm outside the shower. Once the first coat has dried, apply subsequent coats at right angles to the first coat.

BOND BREAKER

Bond breakers are required at all wall/floor, hob/wall, junctions, and all movement joints (wall/wall) where the membrane is bonded to the substrate.

The Bond breaker shall be of the type compatible with Class III flexibility membranes. Only ATECHFLEX® FILLET, ATECHFLEX® POLY, FABTAPE™, CLEVERATPE™ or an appropriate proprietary bond breaker tape specified under membrane application, should be used.

ATECHFLEX® FILLET or ATECHFLEX® POLY should be applied to produce 12mm x 12mm minimum covered bead over inter planar joints.

The bond breaker profile must be a minimum of 6mm in depth at the midpoint of the joint. If any cracks in the substrate are evident, grind out the crack to a width of at least 6mm, fill it with fillet and allow it to cure.

Apply CLEVERATPE™ over the entire crack to isolate it from the membrane. If applying membrane over fibre cement systems, follow Atech's recommendations for fixing and sealing expansion joints.

Apply ATECHFLEX® FILLET or ATECHFLEX® POLY to all drainage outlets, flanges, water stops etc.

Dedicated expansion joints must be isolated from the membrane using CLEVERATPE™, ensuring at least 12mm on either side of the crack and covering the entire length and width of the joint.

APPLICATION RATES - FLOORS AND WALLS

Apply a minimum of 2 coats at a total rate of 2m² / lit to achieve a dry film thickness (DFT) of 1mm.

Wet Room	WET FILM	DRY FILM	TOTAL DFT
1 COAT	0.75mm	0.50mm	0.50mm
2 COATS			1mm

DRYING TIMES

- Allow 1-2 hrs drying time for recoat depending on ambient conditions.
- A longer curing time for recoat will be required in cooler temperatures and high humidity to achieve a cured film between coats.
- Allow 24 hrs to dry before tiling / screeding / overcoat.
- Allow longer in adverse conditions.

TILING OVER ATECHPROOF® WET ROOM

Adhere tiles using FUTUREBOND® Tile Adhesives.

RECOATING AND REPAIRS

The surface must be clean and free of all adhesive residues, surface dust, or other contamination.

Wash down with appropriate cleaner, flush with fresh water, and allow to dry.

Loose or damaged membranes must be cut to a clean, adhered edge and removed.

Any exposed substrate must be primed. Apply 2 coats of the membrane to the damaged area per the coverage instructions ensuring a complete overlap of a minimum of 100mm on either side of the damaged area.

Product Data	
Appearance	Grey
Packaging	15 Litres
Specific Gravity	1.35g/cm ³
Elongation	317% at break
Classification Class	III High Extensibility
Solids W/W	65%
WVT	1g/m ² /24hrs
Final Drying Time	24 hr at 25°C 50% RH

SHELF LIFE / STORAGE

12 months when stored in original unopened packaging. To be stored in a dry area off the ground.

LIMITATIONS

- Is not designed to stop a hydrostatic head of water pressure
- Must not be used over damp, wet, or contaminated substrates
- Must not be applied if it is raining or rain is imminent.
- Is not a trafficable surface
- Should not be applied
- Is not suitable for direct UV exposure
- Must not be applied directly overprotective coatings.

CLEAN UP

Clean tools immediately after use with warm soapy water while the membrane is still wet.

WARRANTY AND SPECIFICATION

A standard warranty period of 10 years is offered for **ATECHPROOF® WET ROOM**.

Please contact ATECH technical team for detailed project specification and application requirements.

SAFETY AND HANDLING:

- Wear suitable respiratory protection.
- Use in well-ventilated areas.
- Avoid breathing vapours
- Avoid contact with skin and eyes.
- Wear eye protection and suitable gloves and clothing.
- Do not eat, drink, or smoke while using this product.
- If on the skin, wash with plenty of soap and water.
- If in the eyes: rinse cautiously with water for several minutes.
- Remove contact lenses; if present, continue rinsing.
- If any skin or eye irritation persists or you feel unwell, get medical attention.

PRODUCT DATA SHEET: WATERPROOFING: ATECHPROOF® WET ROOM

Field Support

Field support where provided, does not constitute supervisory responsibility. Suggestions made by **ATECH®** either verbally or in writing may be followed, modified or rejected by the owner, engineer or contractor since they and not **ATECH®** are responsible for carrying out procedures appropriate to a specific application.

Customer Responsibility

The technical information and application advice given in this publication is based on the best information available at time of print. As the information herein is of a general nature, no assumption can be made as to the products suitability for a particular use or application and no warranty as to its accuracy, reliability or completeness either expressed or implied is given other than those required by Commonwealth or State Legislation. The owner, his representative or the contractor is responsible for checking the suitability of products for their intended use.

Safety Precautions

These products may cause allergic reactions through skin contact, goggles, protective gloves and overalls must be worn. Ensure that there is adequate ventilation and avoid breathing the vapour.

Exclusion Clause

1. The information contained in this data sheet is based on many years experience and is correct to the best of our knowledge. **ATECH®** will be under no liability whatsoever whether in:
 - a) Contract or tort (including, without limitation, negligence)
 - b) Breach of statute
 - c) Any other legal or equitable obligation other than the quality of the product at the time of despatch.
2. Any queries about specification use or application should be directed to our technical service department immediately.
3. This exclusion clause does not operate to exclude any warranty that by law may not be excluded.

