

# ATECHPROOF® POND

SEAMLESS WATERPROOFING MEMBRANE  
FOR PONDS AND WATER RETAINING STRUCTURES

**ATECHPROOF® POND** is a seamless membrane based on heavy duty Synthetic Rubber Compound and well balance particle size distribution of tough inert fillers that will provide a seamless watertight membrane for waterproofing ponds, water features and areas under permanent wet conditions.

## FEATURES

- Remains permanently flexible to accommodate structural movements.
- Non toxic and safe for fish and plants.
- Suitable for use in collecting or storing drinking water.
- Safe and easy to apply.
- Excellent adhesion to substrates.
- Quick drying.
- Good crack bridging properties.
- Easy to repair.

## USE AREAS

- Exterior
- Fish ponds.
- Interior.
- Ponds.
- Ornamental Water features.

## LIMITATIONS

- Not to be used directly to impervious or non-porous substrates.
- Not suitable for use in chlorinated water
- Cannot be used to areas directly exposed to sunlight.
- Cannot be applied over damp or wet substrates.
- Not suitable for negative head of water pressure.

## COLOUR

Black

## PACKAGING

Available in a 15 litre pail

## SUITABLE SUBSTRATES

- Exterior.
- Brickwork.
- Compressed cement sheets.
- Concrete
- Fibre cement sheeting
- Interior
- Masonry
- Natural stone.
- Prefabricated concrete.
- Reconstituted stone.
- Renders



# PRODUCT DATA SHEET: WATERPROOFING: ATECHPROOF® POND

## Technical Information

Appearance	Heavy thick and high viscous liquid membrane
Odour	Mild
Wet Film Thickness	0.665mm
Recoat Time Per Coat	3 - 4 hours
Elongation	317%
Tensile Strength	1.6 - 1.9 MPa
Membrane Rating	Class 3
Flammability	Non-flammable

## COVERAGE

Coverage rate will depend on the porosity of the substrate.

Minimum of Two coats are recommended to get the optimum performance. Minimum 1.5 sqm / lit per coat applied at minimum 1000 um wft.

## SHELF LIFE

Approximately 12 months in unopened containers stored in a cool, dry place.

## 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

- If minor consolidation is required, apply one coat of 1:1 dilution of **ATECHPROOF® POND** and water and allow to dry.
- If pond or water feature is in-ground, 2 coats of Moisture barrier primer, MIGHTYPRIME™, must be used to seal concrete slabs subject to a hydrostatic head of pressure from the negative side. Moisture Barrier primer must be clean, dry and smooth immediately prior to membrane application.
- Membranes should not be applied until substrates suitability has been assessed and all preparation steps have been completed.

## MIX PREPARATION

It is a premix product and ready to use. However, if products have been stored longer, condensation may occur. Stir contents thoroughly before and during use.

## APPLICATION

Apply membrane according to the recommended coverage rate with paint brush or roller. Allow the first coat to dry for a minimum of 3 hours and a maximum of 4 hours, at application temperature between 7°C and 35°C before recoating. Longer drying times will be required at lower temperatures.

Drying times will vary depending on humidity, surface temperature and porosity of substrates.

## CLEAN-UP & RETURN TO SERVICE

Water can be used to clean up excess product, spills and tools while product is wet. When fully cured, tools and spills can only be removed mechanically.

## HEALTH & SAFETY PRECAUTIONS

**ATECHPROOF® POND** is a non-hazardous and non-dangerous product. The Safety Data Sheet (SDS) must be read and understood prior to use.

### 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.



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