

ATECHPROOF® MASONRY

2 PART CEMENTITIOUS WATERPROOF MEMBRANE
FOR MASONRY, SCREED & CONCRETE SUBSTRATES

ATECHPROOF® MASONRY is a two-component flexible positive and negative cementitious waterproofing coating. On curing it produces a strong, highly flexible and impervious film which bonds strongly to concrete, masonry and other substrates including aerated light weight concrete blocks and masonry. **ATECHPROOF® MASONRY** is used for waterproofing of wet areas, retaining walls and lift wells. It provides a fully bonded and monolithic surface without joints. The product is chemically resistant against chloride and sulphate ions.

USES

ATECHPROOF® MASONRY is highly recommended for sealing/waterproofing applications in different areas of buildings e.g. Foundations, basement, wet areas (kitchen, bathroom and balconies) also for roof and building facades.

ATECHPROOF® MASONRY also provides an excellent barrier against ingress of moisture to protect Marble, Granite and other porous materials to avoid staining.

FEATURES

- Excellent waterproofing for retaining structures.
- Non-toxic and non-hazardous
- Compatible with cement based tiling adhesive
- Highly flexible yet strong
- The film has breathable characteristics
- Applicable on damp surfaces
- Anti carbonation protection
- Low VOC

Technical Information

Density	1.75 (approx.)
Elongation (ASTM D412)	>45%
Tensile Adhesion Strength on Concrete (ASTM D412)	>1.00 N/mm ²
Water Penetration [EN 12390-2000]	5 BAR - No Leakage
Initial Surface Absorption [BS 1881 - 1996]	NIL – After 7 days test

STANDARDS

AS 4858 NON-EXPOSED
AS 4654 NON-EXPOSED



PRODUCT DATA SHEET: WATERPROOFING: ATECHPROOF® MASONRY

APPLICATION GUIDELINES

SURFACE PREPARATIONS

Clean the substrates of any protrusions or substances that may damage the coating. Ensure all the surfaces are free from dirt, dust, grease, mould oil and curing compounds and any other loose contaminating materials.

Ensure to fill all voids, cracks, edges & angles with suitable repair materials so that the prepared surface is sound, even and clean.

MIXING

Mix **ATECHPROOF® MASONRY** powder 20 Kg (PART A) to 8 litres of **ATECHPROOF® MASONRY** liquid component (PART B). A slow speed drill with a suitable mixing blade is essential for getting a good mixing without entraining too much air. Pour the liquid (PART B) to a clean mixing container. Add the powder (PART A) gradually and mix until a homogeneous, lump free plastic consistency is obtained. Allow the mix to stand for 5 minutes. Mix again to ensure proper dispersion of the components before application and keep mixing during the application process.

YIELD

18 LIT/KIT

APPLICATION

Dampen the surface with clean water prior to application of **ATECHPROOF® MASONRY**. On horizontal surface make sure there is no ponding. Apply the mixed material onto the prepared surface using a longhaired brush or roller in a stiffing action. In order to achieve imperviousness of the membrane at least two coats to be applied to seal any pores and micro cracks. Apply second coat after the first one is dry, at right angle to the previous coat. Prevent the material from building up too thick in one application.

COVERAGE

Total mix will cover 18 sqm at 1 mm thickness.

PACKAGING

Powder (PART A): 20 KG/BAG
Liquid (PART B): 8 LTRS/J.CAN

CLEANING

Tools may be cleaned with water as long as the product is wet. Once dry, by mechanical means only.

STORAGE/SHELF LIFE

Keep away from direct sun light and store under normal warehouse conditions. The shelf life of the product is 12 months from the date of manufacturing provided it is stored in unopened factory packings.

DISCLAIMER

Use this leaflet as a guide for the use of the product concerned. The information given is in accordance with latest technical developments. However, we cannot accept liability for any work carried out with our materials, as we have no control over the method of application used or the condition of site involved.

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

- 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:
 - Contract or tort (including, without limitation, negligence)
 - Breach of statute
 - Any other legal or equitable obligation other than the quality of the product at the time of despatch.
- Any queries about specification use or application should be directed to our technical service department immediately.
- This exclusion clause does not operate to exclude any warranty that by law may not be excluded.



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