DESCRIPTION:
ENVIRO WAM is a single component liquid membrane formulated on scientifically advanced elastomeric copolymer emulsions specifically for use as a rapid drying Wet Area Membrane. ENVIRO WAM cures to form a durable, odourless and seamless waterproof membrane with performance qualities exceeding the performance standard AS-4858:2004.

FEATURES/BENEFITS:
- Ready to use - no mixing or dilution required.
- Rapid drying - allowing for early tiling,
- No toxic fumes or offensive odours.
- Non hazardous.
- Waterbased - easy clean up using water.
- Easy to apply - spray, brush or squeegee on to surface.
- Compatable with all commonly used building materials.
- Seamless, impervious membrane.
- Overcoat with most decorative finishes.
- High, permanent flexibility.

TYPICAL APPLICATIONS:
- Wet areas: Shower recesses, bathrooms, laundries and toilets.
- Patios, terraces, tiled decks, balconies.
- Planter boxes and retaining walls.
- Concrete slabs, *above and below grade.
- Underground tanking and waterproofing.
* ENVIRO WAM has limited UV resistance and should be overcoated with Adcrete UVS for extended UV performance. Alternatively use Adflex ARM (Acrylic Roof Membrane)♣.

TYPICAL PROPERTIES:
Appearance: grey coloured viscous liquid.
Clean up: water if wet, solvent if dry.
Storage: cool dry environment- DO NOT allow to freeze.
Shelf Life: 12 months in unopened containers.
Elongation at Break: AS4858
Non Volatile Matter: 60% W/W
Viscosity: 6000 to 8000 cps.
Specific Gravity: 1.24.
Values provided above are typical average figures achieved in laboratory testing. Actual values achieved in on-site conditions may vary slightly.

APPLICATION INSTRUCTIONS:
Substrates:
AD-FLEX WAM is suitable for use on concrete, masonry, fibre-cement sheeting, plasterboard, brickwork, timber and cement rendered surfaces. Metal surfaces must be suitably primed.

Surface Preparation:
All surfaces must be structurally sound, free of oils, grease, form release agents, curing compounds, dirt/dust and any other surface contaminants that may hinder adhesion. Ensure that surfaces are free of protrusions to ensure a continuous even film build is achieved. Non-structural cracks, holes and any other surface deformities to be rectified. AD-FLEX WAM may be applied to a damp surface. Damp surfaces will increase drying and curing times.
Surfaces must be free from surface water and continual dampness.

Priming:
Although priming is not critical to ensure adhesion to most substrates, priming is recommended. Dust, very porous and hot surfaces are detrimental to all surface coatings. The use of a surface sealer such as ADFLEX WBP♣ or TRUBOND for internal applications or Ad-Seal W.B.E. (Water Based Epoxy)♣ is recommended for external applications such as roof decks.

APPLICATION:
Sealer: Apply a single coat of ADFLEX WBP or TRUBOND by brush, roller or spray at a rate of 0.12 to 0.15 lt per m², depending upon porosity of substrate and allow to dry.

Critical Areas: Most critical areas are the interface between walls and at vertical corners. Use ENVIRO WAM in conjunction with either fibreglass or polyester reinforcing bandage, and bond breaker to the following: Coving areas between wall and floor - corners between hobs and floor - vertical corners in wet areas where tiles are to be fixed - floor cracks and joints between sheet flooring and over expansion joints.
To areas treated with a bond breaker and around penetrations such as waste outlets, pipes and vents, apply Reo-Band on to a layer of wet membrane, bedding it in two directions to eliminate potential air bubbles. Cover with a second coat of membrane.

Membrane: A minimum of two coats are required to achieve a total wet film thickness of not less than 1500 microns. After the first coat is dry
application of the second coat should be at right angles to the first. Average drying time is 2 to 3 hours per coat at 25°C. Use directly from the container without mixing or dilution. Application may be by brush, especially for detailing critical areas and around penetrations and squeegee, trowel or roller for general areas. Where practical more extensive areas may be applied by airless spray. You may use any quality 1 or 2 part cement based ceramic tile adhesive. Also suitable are any 1 or 2 part rubber/cement based ceramic tile adhesives.

ADHESIVES FOR ENVIRO WAM
DO NOT use single part acrylic adhesives as these do not fully cure in time on impervious membranes.

CLEAN UP:
Wash all equipment and any minor spills with clean water whilst still wet. Cured membrane may be removed by mineral solvents or be mechanical means.

LIMITATIONS:
Do not apply if rain is imminent or when temperatures are below 10°C or above 40°C.

ENVIRO WAM has minimal UV resistance and must be overcoated with Acrete's UVS for optimum UV resistance.

SAFETY DATA:
ENVIRO WAM is non flammable and classified as non-hazardous.
UN-NUMBER: N/A  HAZCHEM CODE: N/A
DANGEROUS GOODS CLASS & SUBRISK: N/A
POISION CODE: N/A
May cause irritation when in contact with sensitive skin and eyes. Wash infected area with copious quantities of water. If ingested contact a doctor or the poisons information centre. DO NOT induce vomiting. Give water to drink. The use of eye protection is recommended.
◆Individual Data Sheets available from the manufacturer or its agents.

The information presented in this data sheet does not imply any warranty. Further, the maker reserves the right to alter the product, the specification and/or the application techniques as described herein without prior notice, in line with his policy of technological advancement and product improvement. Whilst any information and/or specification contained herein is to the best of our knowledge and experience, all of the above information must in every instance be taken as merely indicative and subject to confirmation after long-term practical applications. For this reason, anyone intending to use the product must ensure beforehand its suitability for the envisaged application. In every instance, the user alone is fully responsible for any consequences deriving from the use of the product. Furthermore, no warranty is given or implied in connection with any recommendations or suggestions made by us or our Representatives, Agents or Distributors as conditions of use and any labour involved beyond our control.