



enviro**systems**
environmentally responsible technology



WATERPROOFING RANGE

HIGH PERFORMANCE WATERPROOFING SOLUTIONS

Waterproofing Technologies Pty Ltd
295 Princes Highway St Peters NSW 2044

W www.envirosystems.com.au
E info@envirosystems.com.au

T (02) 8595 8699
F (02) 8595 8660

ABOUT US

ENVIROSYSTEMS IS AN AUSTRALIAN MADE & OWNED SOLUTIONS ORIENTATED CHEMICAL TECHNOLOGIST

Our mission is to minimise the use of damaging harmful solvents and chemicals used in the building industry by creating high performing environmentally sustainable products over a broad range of applications.

Since 2006, EnviroSystems has set the benchmark for quality and innovation for the production of Waterproofing systems, Adhesives, Coatings, Sealants, Flooring and Remedial solutions.

We are a proudly Australian Made and owned brand committed to the supply of the most environmentally sound products of their type. Ongoing consultation with builders, architects and engineers is provided on a collaborative basis to deliver optimum system solutions for a variety of project-specific needs.

From the Sydney Harbour Bridge, to state of the art hospitals, education facilities and tier one residential, commercial and industrial developments, our solutions are preferred by contractors operating across the full spectrum of the construction market.

With offices operating across Australia, our products are available for purchase globally with sales centres in Australia, New Zealand, the Asia Pacific and the Middle East.

We pride ourselves on our high level of quality assurance and continually demonstrate a commitment to, and support of, environmentally responsible technology.

Discover the EnviroSystems Difference Today...

WHY ENVIROSYSTEMS?

- ✓ AUSTRALIAN OWNED MANUFACTURER
- ✓ DESIGNED FOR AUSTRALIAN CONDITIONS
- ✓ LOW VOC, ENVIRONMENTALLY FRIENDLY
- ✓ HIGH PERFORMANCE, LOW RISK PRODUCTS
- ✓ CUSTOM DESIGN & SPECIFICATION
- ✓ IN-HOUSE R&D LABORATORY
- ✓ EXPERT PROJECT-SPECIFIC ADVICE
- ✓ SUCCESSFUL COMPLETION OF ICONIC PROJECTS AUSTRALIA WIDE





ENVIRO 200P EXT

EXTERIOR GRADE UV RESISTANT WATERPROOFING MEMBRANE

Enviro Ultra-Ext is a water-based single component, exterior grade, UV resistant waterproofing membrane formulated on a modified urethane cross linking co-polymer system. It exhibits very good elasticity, excellent adhesion and controlled drying for ease of application in hot & windy outdoor conditions.

APPLICATIONS

- External wet areas
- Podiums
- Roof areas
- Decks
- Terraces
- Balconies

FEATURES

- Water Based – safe to use, easy clean up
- Low VOC content, non-hazardous
- Strong adhesion with excellent crack bridging capabilities and vertical hold
- Compatible with tile adhesives: Enviro GTA and Enviro GTX
- Complies with Australian Standard - AS:4858 Wet Area Membranes
- Australian Made and Owned

SIZES	COLOUR	COVERAGE
15L	Blue/Grey	See TDS



ENVIRO 700X

LOW ODOUR HIGH PERFORMANCE POLYURETHANE WATERPROOFING MEMBRANE

Enviro 700X is an Australian Made, single component, low odour, moisture cured polyurethane elastomer waterproofing system. Enviro 700X, once applied on vertical or horizontal applications, both internally and externally forms a seamless, durable and flexible membrane which protects structures from water penetration.

APPLICATIONS

- Wet Areas
- Podiums
- Basements
- Walls and Floors
- Retaining walls
- Plant rooms
- Bathrooms
- Balconies

FEATURES

- Low odour & low VOC content
- Australian Made & Designed
- User friendly single component liquid
- Seamless, durable & chemically resistant
- Immersion tolerant
- Remains flexible at low temperatures
- AS/NZS 4858:2004 Class 3 Approved
- Complies and tested to AS4654.1

SIZES	COLOUR	COVERAGE
15L	Grey	See TDS



ENVIRO 200P ULTRA

ULTRA FLEXIBLE MODIFIED POLYURETHANE WATERPROOFING MEMBRANE

Enviro 200P ULTRA is an ultra flexible, class III waterproofing membrane specifically designed for internal and external use under tiles and for a range of water tank applications. It is formulated on a water-based crosslinked copolymer system that is urethane modified. It is fast drying and exhibits very good elasticity, excellent adhesion and outstanding elongation.

APPLICATIONS

- Internal & External Wet Areas
- Balconies & Decks
- Bathrooms, Kitchens, Laundries
- Roof Areas
- Fire Sprinkler Tanks
- Greywater Tanks
- Stormwater Retention Tanks

FEATURES

- Fast drying, water based, easy clean up
- Complies with AS:4858
- Very low VOC content
- Excellent vertical hold-up & crack bridging ability
- Single component, no reinforcing fabric required
- Modified polyurethane eliminates re-emulsification
- Compatible with ceramic tile adhesives: Enviro GTA & GTX

SIZES	COLOUR	COVERAGE
15L	Grey, Green	See TDS





ENVIRO BSM

FULLY BONDED BLINDSIDE MEMBRANE

Enviro BSM is a pre-applied composite HDPE sheet membrane system that is designed to waterproof the blindside of concrete slabs and walls. Enviro BSM incorporates three unique layers, a heavy duty HDPE layer, pressure sensitive, reactive adhesion layer and a weather resistant and trafficable protective layer.

APPLICATIONS

- Concrete foundations
- Concrete slabs on ground
- Swimming pools
- Methane gas barrier
- Concrete walls
- Lift pits
- Below grade water tanks
- Most other fully bonded blindside waterproofing applications

FEATURES

- Fully bonded
- Chemical & gas resistant
- Fully adhered lap joints
- Steel & concrete placement can be immediate
- Pre-applied
- Easy application
- Trafficable
- Can be applied to a variety of substrates including concrete, formwork & compacted fill

FORM	COLOUR	ROLL WIDTH
Roll	White HDPE	1m



ENVIRO CLAD

SINGLE PACK ACRYLIC WATERPROOF MEMBRANE

Enviro Clad is a water-borne single pack acrylic waterproofing membrane with excellent UV, water and alkaline resistance that also demonstrates good resistance to carbon dioxide and chloride ion diffusion. The significant anti-mould ingredient gives long lasting protection to exterior walls from fungus and mould attack. Enviro Clad is applied by brush, roller or spray, forming a highly elastic coating with excellent flexibility and colour stability.

APPLICATIONS

- Roofing
- External Walls & Facades
- Exposed Wet Area Walls
- Parapets
- Asbestos Encapsulation
- Chimney Restoration
- Fences & Retaining Walls
- Flexible Embellishment
- Boat Decks
- Caravan Repairs

FEATURES

- Very low VOC, water based
- Chloride and CO2 resistant
- UV Resistant
- Waterproof
- Flexible
- Vapour Permeable
- Mould Resistant

SIZES	COLOUR	COVERAGE
4L, 15L	Assorted Colours	150µm DFT - 0.33L/m²



ENVIRO CEMFLEX

MODIFIED WATERPROOF CEMENTITIOUS SLURRY COATING

Enviro Cemflex is a cement based 2 part polymer modified waterproof slurry coating. It is applied to concrete, masonry and mortar to prevent water infiltration.

APPLICATIONS

- Internal & external basement walls
- Fine "hairline" cracks in concrete
- Water tanks, swimming pools
- General Interior & exterior
- Retaining walls & seawalls
- Bathroom floors
- Terraces and balconies
- RC gutters & planter boxes

FEATURES

- Pre-batched components – mixes and applies easily
- Non-corrosive to steel or iron
- Increased salt and frost resistance
- Protects against concrete carbonation and water ingress
- Good adhesion to sound, prepared substrates
- Slurry or trowel able consistency
- Non-toxic-suitable for contact with drinking water
- Permeable to water vapour, allows substrate to breathe
- Effective against, both positive and negative water pressure

SIZES	COLOUR	COVERAGE
25kg Kits Part A - 5kg Container Part B - 20kg Bag	Part A - White Liquid Part B - Grey Powder Mix - Grey Slurry	See TDS



ENVIRO CSH

CONCRETE SURFACE HARDENER AND MOISTURE BARRIER

Enviro CSH is a one component, ready to use, spray applied surface hardener that penetrates into concrete and masonry substrates to provide waterproofing protection against wear and water ingress. When applied to green concrete, Enviro CSH will assist with concrete curing/moisture retention and conforms to AS1884-2012 as a moisture suppressant.

APPLICATIONS

- Raft Slabs
- Warehouse Floors
- Commercial & retail premises/shops
- Garage floors
- Stairwells and corridors
- Screeds as secondary block

FEATURES

- Water Based, zero VOC content, safe to use, easy cleanup
- Stop water ingress from all directions
- Increases concrete longevity
- Hardens and densifies concrete surfaces
- Australian made and owned
- Improves tensile & compressive strength
- Compatible with most Enviro membranes and epoxies
- Minimises freeze/thaw damage & reduces efflorescence

SIZES	COLOUR	COVERAGE
15L	Clear	See TDS



ENVIRO ELASTOFLEX

HIGH PERFORMANCE JOINT SEAL

Enviro ElastoFlex is a specially engineered waterproof jointing system that allows for high and irregular movement across construction, expansion and connection joints. When fixed with a suitable adhesive such as Enviro Epoxy EF, Enviro ElastoFlex will ensure a superior seal even when under movement from more than one direction.

APPLICATIONS

- Cut and covered tunnels
- Concrete walls and slabs
- Roofs
- Swimming Pools
- Façade Joints
- Carpark Joints
- Culverts
- Bridge Decks
- Planter boxes
- Basements

FEATURES

- Easy installation
- Non toxic & chemical resistant
- Root resistant
- Flexible & excellent adhesion
- Wide temperature range
- Compatible with most other EnviroSystems products
- Australian Made and Owned

PACKAGING	COLOUR	COVERAGE
150mm x 1.5mm x 20m rolls 250mm x 1.5mm x 20m rolls	Light Grey	N/A



ENVIRO HP1200

HIGH PERFORMANCE, SOLVENT FREE, SPRAY APPLIED, HYBRID ELASTOMER MEMBRANE

Enviro HP1200 is a two component, spray applied, solvent free, flexible, and 100% solids polyurethane waterproofing membrane that is uniquely formulated to provide high elasticity, tensile and tear strengths while also possessing excellent abrasion resistance. Enviro HP1200 has been independently tested by the CSIRO and passes all requirements for AS4654.1:2009 (external area waterproofing).

APPLICATIONS

- Green Roofs
- Podiums
- Roof Tops
- Planter Boxes
- Car Parks
- Retaining Walls
- Balconies
- Cut & Covered Tunnels

FEATURES

- Fast Curing
- Elastomeric & trafficable
- Solvent free & very low VOC
- 100% Solids & 100% waterproof
- Seamless Application
- Excellent abrasion resistance & durability
- Convenient 1:1 Mix ratio (v/v)

SIZES	COLOUR	COVERAGE
43kg Kit	Green	1.5mm DFT - 1.6kg/m ²



ENVIRO FLEX

2-PART LOW VOC REINFORCED WATERPROOFING MEMBRANE

Enviro Flex is a low VOC cementitious, two part waterproofing membrane designed on fast setting cements mixed with a high solids water resistant polymer. It combines the fast drying and excellent adhesion characteristics of traditional 2 part membranes with the toughness, elongation and flexibility of modern liquid membranes. Enviro Flex is totally compatible with common ceramic tile adhesives.

APPLICATIONS

- Waterproofing of concrete & masonry from gas & water transmission
- Internal & external/commercial & residential waterproofing
- Application over timber, concrete, render, fibre cement, & particle board
- Over tiling with traditional polymer modified ceramic tile adhesives

FEATURES

- AS 4858 – Class III membrane
- Very Low VOC Content
- Fast Drying
- Non Toxic
- Flexible
- Direct stick of ceramic tile adhesives

SIZES	COLOUR	COVERAGE
15L	Grey, Green	See TDS



ENVIRO HP1200 AC

HIGH PERFORMANCE, UV STABLE, SOLVENT FREE, SPRAYED ELASTOMER WATERPROOFING MEMBRANE

Enviro HP1200AC is a two component, UV stable, solvent-free, flexible, and 100% solids sprayed elastomer waterproofing membrane. Enviro HP1200AC is a uniquely formulated aliphatic technology that provides high elasticity, tensile and tear strengths while also possessing excellent abrasion resistance.

APPLICATIONS

- Green Roofs
- Swimming Pools
- Roof Tops
- Water Tanks
- Car Parks
- Retaining Walls
- Water Containment Structure
- Cut & Covered Tunnels

FEATURES

- UV Stable
- Fast Curing
- Elastomeric & trafficable
- Solvent free & very low VOC
- 100% Solids & 100% waterproof
- Seamless Application
- Excellent abrasion resistance & durability
- Convenient 1:1 Mix ratio (v/v)

SIZES	COLOUR	COVERAGE
40kg Kit	Made to Order	See TDS



ENVIRO HP1200 LP

HIGH PERFORMANCE, SOLVENT FREE HAND APPLIED ELASTOMER WATERPROOF MEMBRANE

Enviro HP1200LP is a two component, hand applied, solvent free, flexible, and 100% solids polyurethane waterproofing membrane that is uniquely formulated to provide high elasticity, tensile and tear strengths while also possessing excellent abrasion resistance. Enviro HP1200LP has been independently tested by the CSIRO and passes all requirements for AS4654.1:2009 (external area waterproofing).

FEATURES

- No requirement for spray equipment
- Fast curing, seamless application
- Elastomeric & trafficable
- Solvent free & very low VOC
- 100% Solids & 100% waterproof
- Excellent abrasion resistance & durability

SIZES	COLOUR	COVERAGE
17.26kg Kit	Grey	See TDS

APPLICATIONS

- Green Roofs
- Podiums
- Roof Tops
- Planter Boxes
- Car Parks
- Retaining Walls
- Balconies
- Cut & Covered Tunnels



ENVIRO HP1600

HIGH PERFORMANCE, SOLVENT FREE, SPRAY APPLIED, HYBRID ELASTOMER MEMBRANE

Enviro HP1600 is a two component, spray in place, solvent free, flexible, 100% solids polyurea elastomer system. Enviro HP1600 is a fast curing, textured surface, multipurpose material designed for commercial and industrial applications requiring high chemical resistance, abrasion resistance, impact protection and sealing of cementitious, metal and wood surfaces at temperatures up to 170°C.

FEATURES

- Fast Curing & Flexible
- Solvent Free
- 100% Solids
- UV Stable
- Moisture Tolerant & Trafficable
- High Chemical & Excellent Abrasive Resistance

SIZES	COLOUR	COVERAGE
43kg Kit	Grey	1.5mm DFT - 1.6kg/m ²

APPLICATIONS

- Green Roofs
- Podiums
- Roof Tops
- Planter Boxes
- Car Parks
- Retaining Walls
- Balconies
- Cut & Covered Tunnels



ENVIRO HP1200 PW

HIGH PERFORMANCE, SOLVENT FREE, SPRAY APPLIED ELASTOMER LINING PRODUCT FOR POTABLE WATER

Enviro HP 1200PW is a solvent free, 2 component spray applied polyurethane lining product. It is formulated to comply with AS/NZS 4020 (Testing of products for use in contact with drinking water).

FEATURES

- 100% Waterproof
- Very Low VOC Content
- Elastomeric
- Potable water approved
- Convenient 1:1 vol/vol mix ratio
- Fast Curing & Spray Applied
- Solvent Free
- Excellent Abrasion Resistance & Durability
- Seamless application
- Excellent substrate adhesion (using suitable primers)

SIZES	COLOUR	COVERAGE
43kg Kit	Pale Yellow	See TDS

APPLICATIONS

- Concrete tanks
- Dams
- Pipelines
- Steel tanks
- Ponds
- Storage Facilities
- Retention Dams



ENVIRO HYDROSTATIC 1

FLEXIBLE CEMENTITIOUS WATERPROOFING MEMBRANE

Based on advanced cross-linking polymer technology, Enviro Hydrostatic 1 a single component flexible polymer modified cementitious membrane. The addition of water to the Hydrostatic 1 powder forms a high-quality, liquid membrane system. The cured film provides a watertight membrane that is permeable to vapour diffusion and offers excellent freeze-thaw durability, as well as outstanding adhesion properties.

FEATURES

- Low VOC content, water-based
- Bonds to damp surfaces (no primer required)
- Compatible with Enviro GTA and Enviro GTX tile adhesives
- Suitable for immersion and underground applications
- Positive pressure to 60m head & negative to 15m head
- Resistant to salts and carbonation
- Excellent vertical hold-up, crack bridging up to 1mm

SIZES	COLOUR	COVERAGE
15kg Bag	Dark Grey	See TDS

APPLICATIONS

- Basement Walls
- Cellar Walls
- Fish Ponds
- Swimming Pools
- Lift Pits
- Potable Water Containment



ENVIRO JOINT BAND

WET GRADE AREA ELASTIC JOINT BAND

Enviro Joint Band is a wet area grade elastic joint bandage designed for use in waterproofing wall/floor junctions of internal and external wet areas and most other waterproofing applications. When correctly installed, Enviro Joint Band performs as the waterproofing system bond breaker, avoiding the use of sealant beads and backing rod bond breaker methods. Also suitable for sealing movement joints and small expansion joint areas. Consisting of the central rubber section with a flexible polyester fleece making suitable for use with liquid membranes.

FEATURES

- Suitable for wet areas
- Easy to use
- Excellent elongation
- Eliminates bond breaking sealants
- Chemical resistance

LENGTH	WIDTH	COLOUR
50m Roll	120mm	Purple

APPLICATIONS

- Internal and external corners
- Wet areas
- Movement joints
- High temperature resistance
- Bridging between different building materials



ENVIRO SHIELD

HYDROSTATIC BARRIER & MOISTURE TOLERANT PRIMER

Enviro Shield is a two part, water based epoxy that acts as a hydrostatic barrier and primer coating. Enviro Shield can be used in applications requiring a hydrostatic barrier against water ingress from the negative side. In addition, it can also be used as a moisture tolerant primer under a range of EnviroSystems membranes and UV stable top coats. It is suitable for commercial, industrial and residential applications.

FEATURES

- Bonds to damp and green concrete < 25% MC
- Resistant to a wide range of chemicals
- Negative side barrier
- Rising damp control
- High solids content
- Low VOC content
- Easy to apply

SIZES	COLOUR	RECOAT TIME
4L Kits, 20L Kits	Light Grey	4 hours at 23°C

APPLICATIONS

- Negative side pressure up to 25m head (e.g. mitigation of rising damp, below grade basements, tunnels, retaining walls)
- Negative side pressure up to 3m head (e.g. efflorescence control)
- Positive side pressure (e.g. window reveals)
- Primer



ENVIRO PLUG

RAPID SETTING CEMENTITIOUS PLUGGING COMPOUND

Enviro Plug is a rapid setting cementitious compound that forms a durable plugging mortar, designed to stop active water leaks in concrete and masonry structures. Once mixed with water and applied, the fast setting Enviro Plug mortar expands during its curing process to form a watertight seal that provides an immediate stop to running water.

FEATURES

- Rapid Setting
- Requires the addition of water only
- Free of chloride admixtures
- Corrosion inhibitor
- Excellent workability
- Expands while setting to form a crack free seal
- Non-shrink

SIZES	SETTING TIME	COVERAGE
10kg	1-3 mins	N/A

APPLICATIONS

- Tanks
- Lift pits & basements
- Manholes
- Sewage systems
- Foundations
- Suspended slabs
- Reservoirs
- Tunnels & pipes
- Wall/Floor junctions
- Rapid anchoring of bolts, fixtures, etc.



ENVIRO PRIMERS

EnviroSystems also offers a complete range of primers that compliment our range of underlying waterproofing membranes, allowing customers to use an entire waterproofing system from one manufacturer.

PRODUCTS

- Enviro Epoxy B-LV
- Enviro Prime 789
- Enviro Prime AC
- Enviro Prime GT1
- Enviro Prime ME
- Enviro Prime P2
- Enviro Prime PW
- Enviro Prime SB
- Enviro Prime WB
- Enviro Shield



envirosystems

environmentally responsible technology



SYDNEY

295 Princes Highway, St Peters NSW 2044

T 02 8595 8699 E info@envirosystems.com.au

PERTH

78 Discovery Drive, Bibra Lake WA 6163

T 08 9395 5150 E perth@envirosystems.com.au

www.envirosystems.com.au