



















architectural guide

CREATING A BETTER BUILT ENVIRONMENT

about us

Envirosystems Technologies is the leading manufacturer and supplier of construction chemicals in Australia.

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.

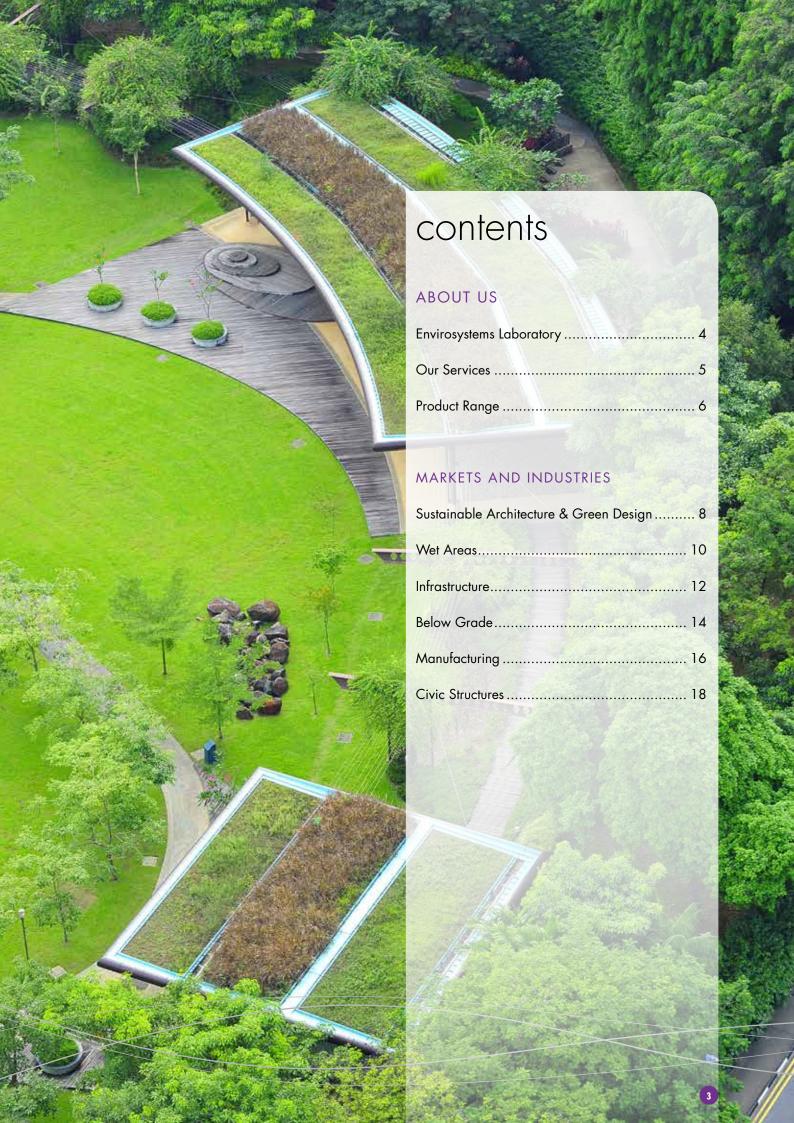
With a fully dedicated technical support team,
Envirosystems utilises its years of experience and
expertise to deliver the latest innovations in technology.
We pride ourselves on our high level of quality assurance
and continually demonstrate a commitment to, and
support of, environmentally responsible technology.

Discover the Envirosystems Difference Today...









envirosystems lab



OUR LABORATORY

The ever-changing requirements of consumers in today's environmentally conscious society means we have to be at the forefront of new product development to ensure we are the first name people think of when choosing waterproofing, flooring and construction chemical products.

How do we do this?

With a dedicated team of chemists and engineers, who with a combined 200+ years of industry experience deliver the latest innovations in environmentally responsible building materials. As an Australian Made company, our products are designed in-house to meet the hostile Australian conditions and manufactured locally to ensure our solutions are of the highest quality with the fastest turnaround.

ENVIRONMENTAL SUSTAINABILITY & ACCREDITATION

Our laboratory utilises the most up to date technology for the reduction of Volatile Organic Compounds (VOC's) throughout our product range, thus minimising the VOC's released into the environment. We are one of the first building material manufacturing companies to achieve a Green Star rating for our range of solutions and while Envirosystems has its own extensive testing laboratory, our range has also been externally tested as low VOC by an independent, nationally accredited testing authority.

All of our products are designed and manufactured with environmental sustainability in mind, mitigating the impacts of the built environment and carrying forward our philosophy and mission of continuous development and improvement of environmentally responsible technology.



our services



















The fields of science are ever-changing, and we make it our business to be the leader of cutting edge technology ensuring our products outperform and out serve the needs of each and every project.

MATERIALS SCIENCE

With a fully dedicated team of scientists and engineers Envirosystems utilises its teams years of experience and expertise to deliver the latest innovations in technology.

MANUFACTURING

As a homegrown company, we manufacture our goods locally where they are developed and tested to ensure our products are of the highest quality with the fastest turnaround.

SERVICE & SUPPORT

We pride ourselves not only on the quality of our products but also the comprehensive support available to our customers and clients guaranteeing full-service satisfaction.

INSPECTION & COMPLIANCE

Every product from our range is guaranteed to last. We offer a variety of warranties, backed by compliance and inspection so that you can rest assured that our products are of the highest quality.

GLOBAL PRESENCE

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.



product range



WATERPROOFING

Envirosystems has an extensive range of waterproofing systems that have proven to be world class with both liquid and sheet applied membranes, for application across internal and external wet areas.



FLOORING

Envirosystems offers a line of specially designed flooring systems suitable for commercial and industrial applications that are endorsed and preferred by prestige architectural firms Worldwide.



SEALANTS

The Envirosystems range of sealants provides a variety of surface preservation and gap filling options to protect and seal masonry, brickwork, stone and concrete.



COATINGS

Envirosystems produces a complete range of coatings that provide not only aesthetic appeal but are also suitable for application on a variety of substrates.



ADHESIVES

The Envirosystems line of adhesives is designed to fully integrate into our range of waterproofing and coatings systems, to provide a complete spectrum of products from start to finish.

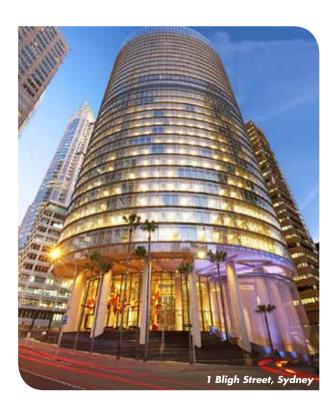


REMEDIAL

From epoxy grouts and mortars to crack injection resins, Envirosystems has a solution to restore the integrity of your project giving you confidence the issue has been resolved once and for all.

| Enviro 200 Series | The Enviro 200 Series consists of the latest water-based technology membranes including Enviro 200P Ultra, a premium under tile modified polyurethane membrane. |
|-----------------------------------|---|
| Enviro 300 Series | A series of under-tile membranes that caters to the contractor who prefers to use traditional cementitious waterproofing materials. |
| Enviro 700 Series | The Enviro 700 Series offers a complete range of moisture cured polyurethanes including self-levelling, UV stable and thixotropic versions that allow the user to select a fit for purpose product every time. |
| Enviro 800 Series | Specially formulated UV protective and wear resistant coatings, the Enviro 800 Series provides the protection needed when the application doesn't allow for the system to be covered. |
| Enviro 900 Series | An integral part of the Enviro Trafficable System, the Enviro 900 Series provides the wear and impact resistance needed to ensure the protection of the underlying waterproofing membrane. |
| Enviro Below Grade Range | The Enviro Below Grade Range offers waterproofing solutions from fully bonded pre-applied blindside protection (Enviro BSM) to remedial systems on completed projects. |
| Enviro Coatings Range | Envirosystems offers a complete range of coatings that cover UV stable façade coats, decorative sealers for driveways and rising damp protection. |
| Enviro Concrete Repair Range | The Enviro Concrete Repair Range caters for all situations where concrete spalling and cracking exist. |
| Enviro Epoxy Flooring Range | The Enviro Epoxy Flooring Range offers a wide selection of epoxies to cover all flooring applications from industrial warehousing or production facilities, chemical bund areas to residential garages and everything in between. |
| Enviro HP Sprayed Elastomer Range | The Enviro HP Series consists of a range of premium spray applied polyurethane and polyurea elastomers that offer ultra-fast curing and superior waterproofing properties backed by extended warranties when applied by accredited applicators. |
| Enviro Hydrostatic Pressure Range | Envirosystems has created a series of products which covers all types of negative waterproofing requirements, from gradual rising damp resulting in blistering paint to under pressure concrete tank 'blowouts'. |
| Enviro Hydro-Stop Range | The Enviro Hydro-Stop range consists of PVC water bars that are installed at concrete slab construction joints (at the time of concrete placement) and hydrophilic water stops that can be applied to joints between construction processes. |
| Enviro Injection Range | This range offers both preventative and remedial options for water ingress with hydrophobic and hydrophilic resins that both block and seal the treated cracks or joints. |
| Enviro Primer Range | Selecting the correct primer is key in ensuring the subsequent coatings optimally adhere, and ultimately ensures the ongoing success of the waterproofing or coating system used. |
| Enviro Sealant Range | Envirosystems offers a wide range of construction sealants including adhesives that are fire rated, will self-level, have high chemical resistance, are paintable and offer non-sag properties for vertical and overhead applications. |
| Enviro Sheet Membrane Range | A variety of sheet membranes are offered in the Enviro Sheet Membrane Series including bitumen, HDPE, TPO, PVC and cross-laminated bitumen/HDPE. |
| Enviro Spray Foam Range | Envirosystems has developed insulative spray foam that, when used in conjunction with our HP Series, increases the insulation efficiency of the treated structure. |
| Enviro Tile Adhesive Range | Envirosystems series of tiles adhesives, tile adhesive additives and adhesion promoting primers all work together to create a superior bond to the underlying Envirosystems membranes. |
| | |

sustainable architecture & green design





In today's environmentally conscious society, consumers are constantly searching for ways to reduce their impact on the environment - from the goods they buy to the spaces they live and work in.

The built landscape is adapting to this social change, with a rising trend of sustainable architecture that incorporates design, construction and operational practices to significantly reduce or eliminate the buildings negative impact on the surrounding environment.

With a growing population and resulting urbanisation comes the need for developers and builders to combine sustainability practices in their designs, while also offering additional outdoor areas with often limited space. Green roofs and walls provide an ideal solution to this, presenting all the benefits of a traditional park or backyard in a zone that might have otherwise been ignored.



Envirosystems mission is to minimise the use of damaging harmful solvents and chemicals used by the building industry by creating high performing environmentally sustainable products over a broad range of applications. Our products are not simply re-branded as a 'green' but undergo extensive testing by our team of experienced chemists who utilise the most up to date technology for the reduction of Volatile Organic Compounds (VOC's).

They have been Green Star Rated by the Green Building Council of Australia, and our extensive project history proves that our environmentally friendly solutions align with the needs of a sustainably designed building, guaranteeing our clients have access to a high quality and low-risk alternative to other building products on the market.



projects

- One Central Park | Sydney, NSW
- 480 Queen Street | Brisbane, QLD
- 1 Bligh Street | Sydney, NSW
- 131 Queen Street | Melbourne, VIC

featured product

ENVIRO HP1200

The flagship product in the Envirosystems range - Enviro HP1200 has quickly become the number one choice in sprayed elastomers with architects, specifiers and tier one builders in the construction industry. Australian made for Australian conditions with a design life of 100 years, Enviro HP1200 is fast curing, has a very low VOC content and is environmentally responsible providing the complete high-performance membrane solution.

FEATURES

- Fast Curing
- Solvent Free
- 100% Waterproof
- Seamless Application
- Trafficable
- Excellent Durability

Top Coat (optional)

• Convenient 1:1 Mix ratio

- Flastomeric
- 100% Solids
- Very Low VOC
- Excellent
- Abrasion Resistance
- Fast System Application
- **APPLICATIONS**

• Green Roofs

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

Substrate Aggregate Layer (optional)

ENVIRO EPOXY B-LV

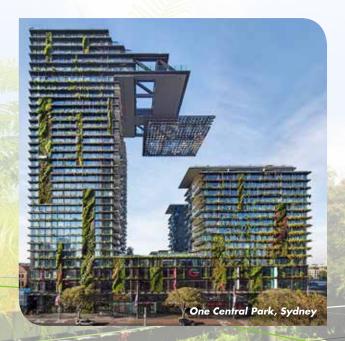
Enviro Epoxy B-LV is Envirosystems most versatile epoxy resin system. Suitable as a damp and dense

ENVIRO 850 PUR T.C

Enviro 850PUR T.C. is a high performance polyaspartic wear and abrasion resistance with resilient UV stability,

ENVIRO FLEX PRO

construction grade elastomeric polyurethane sealant





wet areas

BATHROOMS, BALCONIES, KITCHENS, LAUNDRIES & MORE...

The practice of ensuring that a structure is waterproof is a fundamental element to the success of any project.

Any area within a building that has a water source should be waterproofed to protect the structure from long-term damage.

Envirosystems offers a complete range of high performing liquid waterproofing membranes for wet areas that have been used on a variety of major tier one construction projects globally.

Envirosystems liquid applied membranes form a highly elastic and durable waterproof barrier guaranteed to perform even in the toughest site conditions. Our technical team utilises the latest elastomeric systems allowing our products to create a completely seamless and monolithic coating. When combined with the appropriate primer from our extensive range, a fully bonded waterproofing system



Envirosystems also offers a range of tile adhesives that complement the underlying waterproofing membranes, allowing customers to use an entire waterproofing system from one manufacturer.

- Sofitel Sydney Darling Harbour | Sydney, NSW
- Rhapsody Apartments | Gold Coast, QLD
- 420 Macquarie Street | Liverpool, NSW

ENVIRO 200P ULTRA

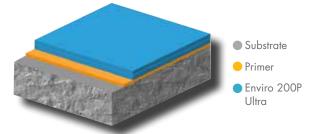
Enviro 200P Ultra is a flexible, yet tough, ready to use waterproofing membrane specifically designed for use under tiles. Australian Made and AS4858 compliant, it is easy to apply and DIY friendly. With one of the highest high solids contents amongst its peers, Enviro 200P Ultra minimises the number of coats required to achieve the desired dry film thickness. With a low VOC content of 12g/L, this product is ideal for internal applications.

FEATURES

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

APPLICATIONS

- Internal & External Wet Areas
- Balconies & Decks
- Bathrooms, Kitchens, Laundries
- Terraces
- Podiums
- Plant Rooms
- Most under tile applications



ENVIRO 350

Enviro 350 is an ideal tile membrane solution for contractors and builders seeking a rapid cure cementitious class III membrane which is easy and economical to use. Enviro 350 is AS4858 compliant and has a long history and proven track record with specifications on numerous high profile projects including the Sofitel Sydney Darling Harbour.

ENVIRO SHIELD

Enviro Shield is a hydrostatic barrier coating and a moisture tolerant primer that is suitable for new construction applications, remedial and negative side pressure environments. It has a low VOC content and can be used as a primer for damp substrates, green concrete and fresh screeds with up to 25% moisture content. It can also be used in the prevention of efflorescence in tiled applications as well as for the treatment and mitigation of rising damp.

ENVIRO GTX

Specially formulated using lightweight cementitious components, Enviro GTX is a superior grade tile adhesive for internal and external applications. It has been designed to be compatible with all Envirosystems waterproofing membranes, allowing the applicator to use a complete system from one supplier.



infrastructure

BRIDGES, HIGHWAYS, CUT & COVERED TUNNELS, RAILWAYS & MORE...

Structures such as bridges, highways, tunnels and railways are exposed to a number of extreme environmental factors, stressing the nature of the protective systems used to ensure their performance and structural integrity.

Envirosystems designs and manufactures a wide range of systems specifically developed to protect critical pieces of infrastructure. Our technical team are here to assist in the selection of the correct solution for any project and ongoingly consult with builders, architects and engineers on a collaborative basis to deliver optimum solutions for a variety of project-specific needs.

Australian Made for Australian conditions, our solutions are designed not only with environmental sustainability in mind but in a way that reduces the construction time without reducing the quality and performance of the product.

- Sydney Harbour Bridge Cycle & Pathways | Sydney, NSW
- Ballina Bypass | Ballina, NSW
- Chatswood Transport Interchange
- Sydney Overseas Passenger Terminal







ENVIRO HP1600

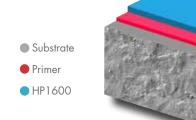
Enviro HP1600 is a next generation pure polyurea with a proven track record in below grade waterproofing and gas mitigation. Spray applied at high pressure using a plural component proportioner, it gels in 8 seconds and cures with a Shore A hardness up to 100. Exhibiting high abrasion and chemical resistance, Enviro HP1600 meets the waterproofing and coating requirements of even the most demanding and challenging conditions.

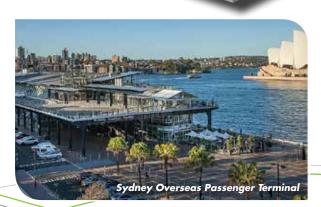
FEATURES

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

APPLICATIONS

- Roof Tops
- Bridge Decks
- Tanks
- Cut & Covered Tunnels
- Pipes
- Sewerage Treatment







ENVIRO CJS

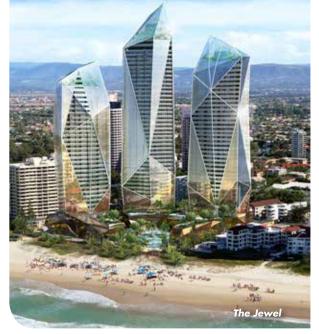
Enviro CJS is a high performance, hybrid polyurea joint filler and sealant. When applied via heated plural component dispensing equipment it achieves ultra-fast curing times. It has low odour, high chemical resistance and is self-levelling making it ideal for rooftop car park joint treatment.

ENVIRO BSM

Enviro BSM is a pre-applied composite HDPE sheet membrane layer system designed to waterproof the blindside of concrete slabs and walls, providing complete protection of any structure from groundwater ingress. A unique and construction friendly feature of Enviro BSM is that it has a trafficable granular surface layer allowing tradespersons to conveniently carry on their work during the installation phase. With a claimed adhesion exceeding 5,000Nm the pressure sensitive adhesive layer ensures it fully bonds to the blindside of the concrete slab.

ENVIRO HP1200

Enviro HP1200 is a high performance, flexible polyurethane sprayed elastomer ideal for green roofs, rooftop decks and carparks, planter boxes and retaining walls or as a liner for bund tanks as it performs well in immersion environments. It has an unrivalled history across many construction sectors with high profile project references including the iconic Sydney Harbour Bridge.



below grade

EARLY WORKS, BUILDING FOUNDATIONS, RETAINING WALLS, LIFT PITS & MORE...

Early works and underground construction require speciality products in these harsh and often extreme conditions. The quality and performance of below grade waterproofing products are crucial to the success of any project as they ensure the durability and structural integrity by preventing water ingress and migration long term.

Depending on the size and type of the structure, Envirosystems offers a range of products that provide a systematic solution and ensure protection and waterproofing.

Enviro BSM has been specified on a variety of commercial, residential and industrial projects throughout Australia and across the globe and is the preferred fully bonded,



blindside waterproofing membrane of many multinational construction companies due to its versatility and simplified installation procedure which allows for a shortened building period.

- The Jewel | Broadbeach, QLD
- Flemington Race Course | Melbourne, VIC

ENVIRO BSM

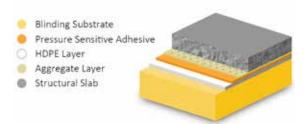
The **Enviro BSM** membrane system has been developed to prevent expensive remediation costs associated with groundwater ingress. When installed, Enviro BSM provides a fully bonded waterproofing membrane system to encapsulate the concrete structure. It also can be used as a methane gas barrier when construction is being undertaken on reclaimed land or where the presence of methane is detected. This system provides a versatile and innovative solution to the waterproofing of various below grade structures.

FEATURES

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

APPLICATIONS

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





ENVIRO 700PUR

Enviro 700PUR is a high performance, moisture cured polyurethane that provides a seamless monolithic waterproofing membrane. Being a single component liquid, it is userfriendly and has become a staple for many contractors due to its all-around high performance and suitability for a wide variety of applications.

ENVIRO HP1600

In addition to exhibiting excellent waterproofing capabilities, **Enviro HP1600** is a proven barrier against the ingress of methane and other gases into building structures. With the custom designed Envirosystems Gas Venting System, Enviro HP1600 was installed across the entire footprint of the Crown Towers project in Perth WA, delivering a safe and environmentally responsible outcome.

ENVIRO RHS

Enviro RHS is an advanced re-injectable in-situ hose system designed for installation in construction joints as a precautionary measure. Enviro RHS can be used in most conditions including low temperature and immersion in water. If a water egress issue arises and the leak is through a construction joint where the Enviro RHS is installed, a suitable Envirosystems Gel can be easily injected into the Enviro RHS system which projects the Gel resin along the construction joint to provide a watertight seal.



manufacturing

FACTORIES, WAREHOUSES, LOADING DOCKS & MORE...

Warehouses, loading docks and production facilities are subject to extreme wear.

Envirosystems designs and manufactures a number of products specifically developed to protect and prolong the service life of structures that are often exposed to high traffic and chemical attacks.

Our range of Enviro Epoxies are designed and developed in Australia to suit the needs of the manufacturing industry, whilst still providing measurable benefits to our customers and the environment.

Epoxy Tuff HD provides a high performance, chemically resistant, hard wearing epoxy floor system that is designed especially for high use manufacturing spaces.

Our Enviro Epoxy RC and Epoxy B provide a chemical resistant, hard wearing trafficable surface suitable for use in a range of heavy duty applications, while our Enviro Epoxy SL provides an easy to clean, self-levelling an aesthetically pleasing flooring finish.







ENVIRO EPOXY RC

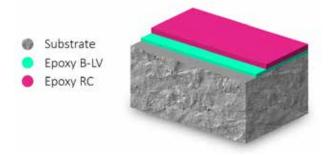
Enviro Epoxy RC is a high build, hard wearing and durable epoxy coating offering excellent all-around performance including great chemical and wear resistance. The non-slip texture of the Epoxy RC resin system can be tailored to meet any demand including loading docks, stairwells, swimming pool ramps, commercial kitchens, warehouse flooring and industrial chemical storage facilities.

FEATURES

- Easy 2 Coat Application
- High Build System
- Heavy Duty
- Very Low VOC
- Long Durability
- Chemical Resistance
- RAL Colour Options
- Damp Substrate Compatibility

APPLICATIONS

- Garbage Rooms
- Plant Rooms
- Car Parks
- Balconies
- Kitchens
- Outdoor Areas
- Garages
- Chemical Storage Areas



ENVIRO EPOXY SL

Enviro Epoxy SL is a self-levelling epoxy that cures to provide a gloss, mirror finish that looks aesthetically pleasing and provides high chemical resistance and protection against wear. Typical applications for Epoxy SL include pharmaceutical and medical facilities, manufacturing, industrial and major retail shopping centre spaces.

ENVIRO EPOXY TUFF HD

Enviro Epoxy Tuff HD is a heavy-duty trowel applied epoxy floor system that provides protection against the impact of heavy machinery and equipment, and large chemical spills. Epoxy Tuff HD has been specially formulated and designed to endure the rigours of demanding industrial environments.

ENVIRO EPOXY WB

Enviro Epoxy WB is an epoxy coating formulated using the latest water-based technology. Simple and easy to use, it is non-hazardous and offers excellent chemical and wear resistance in all environments including commercial, industrial and residential. The ideal economic solution for small business and DIY operators.

ENVIRO EPOXY B

Enviro Epoxy B is a 100% solids, solvent free, epoxy resin that is able to be used for a variety of different applications including concrete to concrete binding, as an epoxy screed, and as a remedial solution for spalling. Enviro Epoxy B is the foundation of the B range offering product variants with non-sag and low viscosity properties.





civic structures

HOSPITALS, LIBRARIES, EDUCATION FACILITIES & MORE...

Civic structures form the backbone of modern cities, and with Australia's ever-growing population the need for modern hospitals, education facilities, shopping centres and the like has never been greater.

With multiple case histories including the Fiona Stanley Hospital, Gold Coast University Hospital, Karratha Health Campus, Melbourne Royal Children's Hospital and the Geelong Library and Heritage Centre, our clients can rely not only on the quality of our products but also the comprehensive support available.

Our ability to provide complete package solutions is one of the many reasons why we are the preferred supplier of environmentally responsible building materials across the industry. Envirosystems' solutions fulfil both a functional and aesthetic application and finish, while our products are locally designed and manufactured to ensure they meet the relevant specifications and needs of each individual project.



- Fiona Stanley Hospital | Perth, WA
- Geelong Library & Heritage Centre | Geelong, VIC
- Karratha Health Campus | Karratha, WA
- Perth Stadium I Perth, WA
- Toowoomba Aquatic Centre | Toowoomba, QLD





ENVIRO TRAFFICABLE SYSTEM

The Enviro Trafficable System is an innovative solution within the Envirosystems range of products as it provides a hard wearing, UV stable, waterproof system with inherent slip resistance. The Enviro Trafficable System is capable of withstanding full vehicular traffic, and is a unique solution to external waterproofing scenarios as it allows for a shortened construction period when compared to conventional membrane, screed and tile systems.

PRODUCTS

Primer | Enviro Prime P2



Membrane | Enviro HP1200



Wear Coat | Enviro 950PUR



Top Coat | Enviro 850PUR T.C.



ENVIRO HP1200

With project references including Melbourne Royal Children's Hospital, Sydney University, Bendigo Hospital, Melbourne Olympic Park, Royal Prince Alfred Hospital, Liverpool Hospital to name a few - Enviro HP1200 is known for its superior performance and has been the product of choice for Federal, State and Local Government bodies recognising the importance of waterproofing critical areas where extended warranty periods are required.

ENVIRO HP1200AC

The aliphatic member of the HP Spray Series, Enviro HP1200AC provides all the hallmark performance attributes of the foundation HP1200 product with the added feature of high resistance to long-term UV exposure. This product is ideally suited for swimming pools, lagoons, external steel structures and chemical bund areas where waterproofing, UV stability or an extreme protection coating is required.

ENVIRO EPOXY RC

Enviro Epoxy RC offers a wider range of benefits when compared to traditional concrete sealers. In addition to being hard wearing with a high chemical resistance, Enviro Epoxy RC provides an impervious coating that prevents mould and algae growth in concrete while also providing a non-slip texture - perfect for commercial kitchens and restaurants where hygiene and safety are paramount.



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