

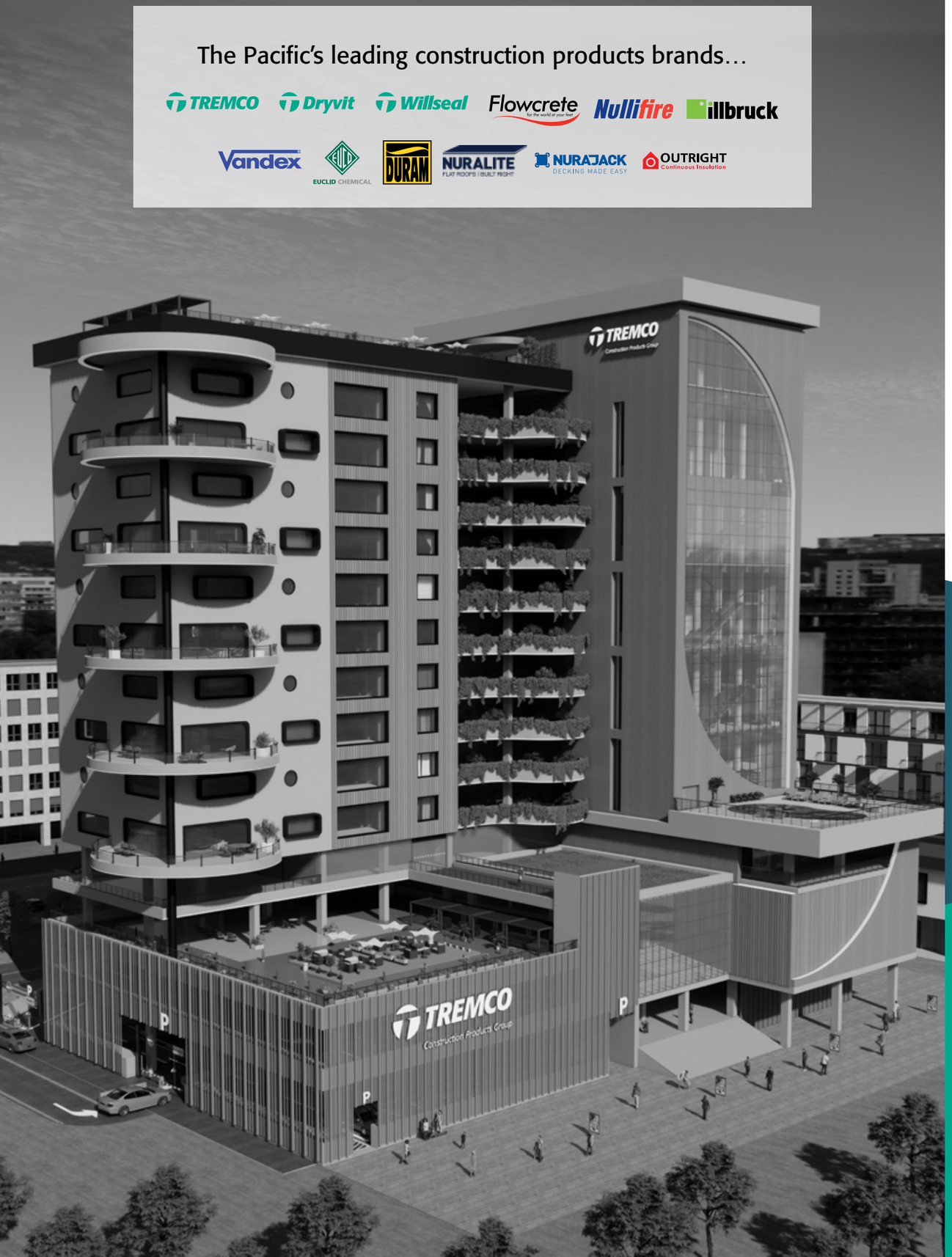
WATERPROOFING SOLUTIONS

Primers / Below Grade / Internal Wet Areas
Balconies / Roofing / Heavy Duty



TREMCO

Construction Products Group



INTRODUCING TREMCO CONSTRUCTION PRODUCTS GROUP

TREMCO
Construction Products Group

A world leading supplier of building envelope solutions

At Tremco Construction Products Group (CPG), we understand that true success in construction goes beyond using the right products. It is about combining skill, knowledge, and expertise to apply those products in the most effective way possible.

Innovation That Shapes the Future
We are dedicated to driving the construction industry forward with innovative solutions and sustainable approaches. Our extensive range of high-performance products provides the tools you need to create structures that are not only easier to build and maintain but also withstand the toughest challenges.

A Comprehensive Suite of Solutions
From joint sealing, façade bonding, and insulation to passive fire protection, performance resin flooring, waterproofing, and roofing solutions, our broad product portfolio enables us to address even the most complex construction challenges.

Why Partner with Tremco CPG?
Our expertise spans a wide variety of advanced product technologies, designed to help you engineer buildings that are:

- More efficient to construct and maintain.
- Resilient against extreme weather conditions.
- Versatile with customizable finishes to meet aesthetic and functional needs.

Trusted Brands, Proven Results
With industry-leading brands like Tremco, Dryvit, Willseal, Flowcrete, illbruck, Nullifire, Vandex, and Euclid Chemical, we're proud to deliver solutions you can trust. Join architects, contractors, developers, and tradespeople around the world in choosing Tremco CPG as your partner to tackle the challenges of modern construction. Together, we'll shape a more sustainable and innovative built environment.

>> For more information, visit **www.tremco.com.au**

Why Tremco CPG?

Faster Construction Time
Lightweight, fast-curing and prefabricated products mean less occupant disruption, faster return to service, less revenue lost, and no call-backs.

Technical Support
Our dedicated team of industry professionals is there to support you every step of the way, with onsite visits, Technical Support and advice.

Cost Effective
A broad range of options that fit any budget – but also help you keep an eye on the future to ensure cost-effective ownership, operation and maintenance.

One Point of Contact
Products are tested for compatibility and backed by system warranties – all through a single point of contact, with a single point of responsibility.

Any Look You Want
A wide range of colours and finishes for floors, walls, façades and roofs to provide almost unlimited design potential for your building project.

Impervious to Weather
Products designed for maximum protection from the elements, including above and below ground-level solutions to prevent the ingress of water.

Better Insulated
Industry leading brands that provide solutions for more efficient building construction and operation, and exceeding strict energy codes for insulation.

Leading Edge Sustainability
Construction solutions that meet green building standards, enhancing building efficiency and conscious of the environment that surrounds us.

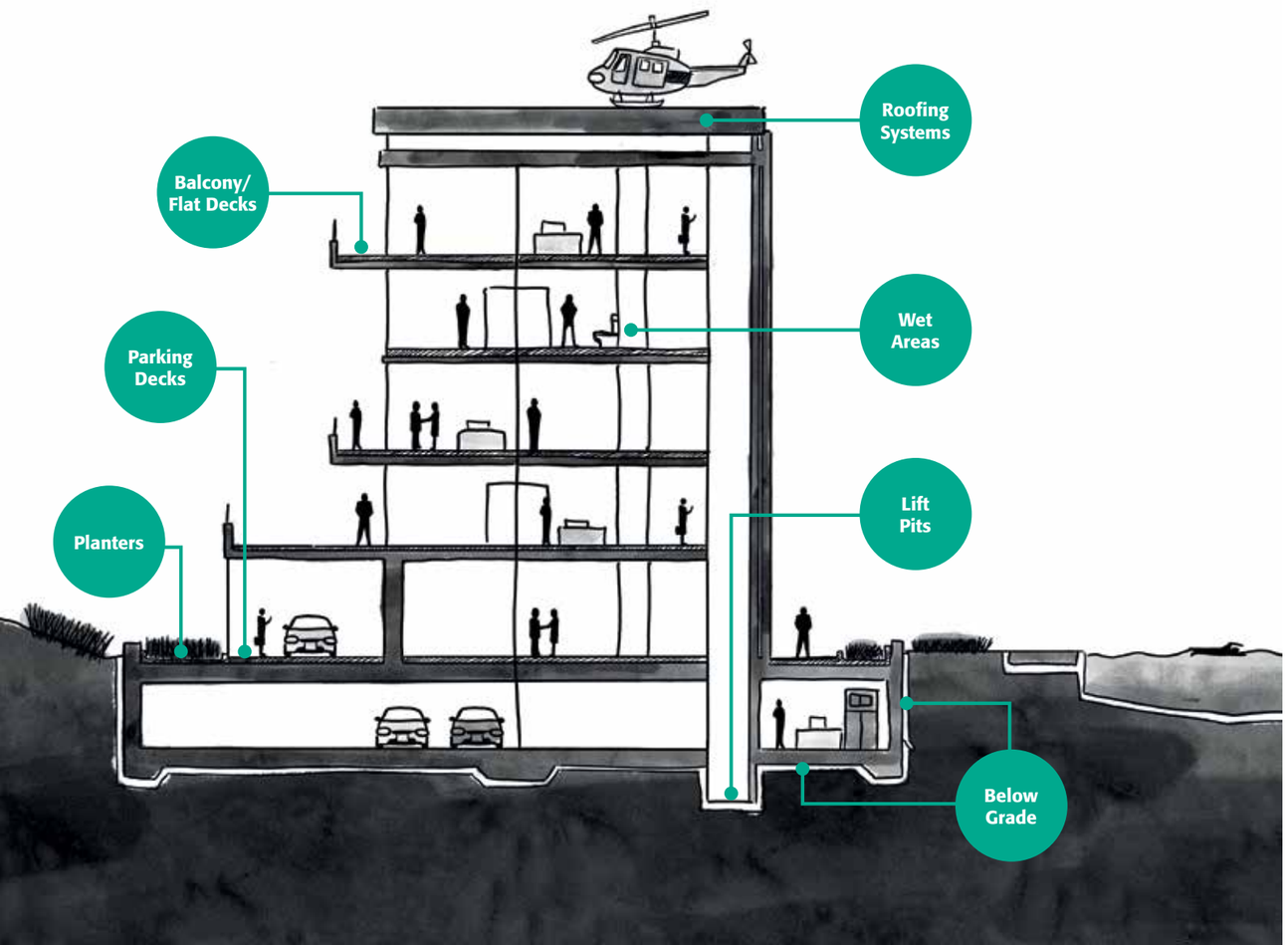
With so many areas and applications to consider, choosing a waterproofing solution can be difficult. Whether applying in basements and lift pits, or onto roof structures and everything in-between, ensuring the building's structure is protected against the ingress of water is paramount in order to safeguard the longevity of the structure.

At Tremco CPG, we understand that every project has its unique challenges, so we have developed an array of solutions to suit the varying requirements of waterproofing protection. Our team of specialists are on hand throughout the region to assist with project specifications and application training to ensure the correct solution is selected.



Our waterproofing technologies include…

- Liquid Applied Systems
- Trafficable Membranes
- Hot & Cold Applied Sheet Membranes
- Cementitious Technology
- Drainage and Associated Products
- Primers



PRODUCT SELECTION GUIDE*

Scan the QR code to view all our Technical Data Sheets, Safety Data Sheets, Technical Drawings and more.

	Below Grade	Planters	Internal Wet Areas	Balconies	Roof	Green Concrete*	Low VOC	One Part	Quick Dry	Adheres to Concrete*	Adheres to Metal*	Install over Existing Membrane**	UV Resistant
PRIMERS													
Vulkem 171			●	●	●			●	●	●			
TREMproof 200EC			●	●	●	●	●			●			
Vulkem 191QD								●	●			●	
TREMprime Non Porous Primer							●	●	●		●		
TREMprime EP	●	●	●		●		●			●			
SHEET MEMBRANES													
Paraseal	●					●	●	●	●				
TREMproof Torch-On	●	●		●	●	●	●		●	●	●	●	●
TREMproof FBM Plus	●						●		●				
SPRAY MEMBRANE													
TREMproof P85	●	●		●	●		●		●	●	●		
LIQUID MEMBRANES													
AlphaGuard BIO				●	●		●		●	●	●	●	●
TREMproof 201/60	●	●					●	●		●	●		
TREMproof 250GC	●	●				●	●	●		●	●		
Vulkem H2 Plus			●	●			●	●		●	●		
Vulkem 125			●	●				●					
Vulkem 150			●	●	●		●	●					
TREMproof 90			●				●			●	●		
Vulkem NEM (Non-Exposed Membrane) Plus			●	●				●		●	●		
Vulkem 350/346				●	●			●		●	●		●
Vulkem 350R/951NF				●	●		●			●	●		●
Vulkem 350/346/346				●	●			●		●	●		●
Flowcoat OP							●			●		●	
Deckshield ED Rapide							●		●	●	●		●
Deckshield ID							●			●		●	●

* This guide is used as a general reference. Please consult your local Tremco CPG representative for regional recommendations based on your local building practices and warranty requirements.
** Slab on ground concrete must have an effective damp proof membrane in place.

PRIMERS

TREMCO

PROJECT PROFILE:
Sea Temple, Port Douglas





Vulkem 171

One-Part, Rapid-Drying, Solvent-Based Primer for Porous Substrates

Vulkem 171 is a one-part, rapid-drying, solvent-based primer for porous substrates. It is a quick-drying, moisture-curing primer that enhances adhesion to concrete, plywood and other porous substrates where Vulkem urethane sealants, membranes or coatings will be applied.



Vulkem 191QD

One-Part, Low-Odour, Rapid Curing Interlaminary Primer

Vulkem 191QD Primer is a quick-drying, one-part, moisture-curing primer designed to promote interlaminary adhesion between Tremco waterproofing layers when the membrane has been exposed for a prolonged period or after a weather event where the primary membrane has lost its initial tack.



TREMproof 200EC

Two-Part, Water-Based Epoxy Primer and Vapour Retarder for Porous Substrates

TREMproof 200EC is a two-part, water-based epoxy primer and vapour retarder designed for use on porous substrates prior to the application of Tremco waterproofing membranes.



TREMprime Non Porous Primer

One-Part, Low-Odour Primer for Non-Porous Substrates

TREMprime Non-Porous Primer is a one-part primer used on metal, plastic and other non-porous substrates to enhance the adhesion of Tremco polyurethane sealants and membranes.



TREMproof Torch Bitumen Primer

One-Part, Solvent-Based Primer

TREMproof Torch Bitumen Primer is a solvent-based, modified bitumen primer designed to assist with the adhesion of TREMproof Torch membranes to the substrate. TREMproof Torch Bitumen Primer must be installed prior to the application of Tremco's TREMproof Torch membrane.



TREMprime EP

Two-Component, 100% Solids, Epoxy Primer

TREMprime EP is a two-component, 100% solids epoxy primer designed for use on porous substrates. It also functions as a compatible tie-coat, helping to create connectivity between otherwise incompatible membranes.

About

Sea Temple is unrivalled as a five-star resort in Port Douglas. Its beautifully manicured grounds, stylish accommodation, world-class facilities and spectacular 3,000 m² central swimming lagoon place Sea Temple in a league of its own when compared with other resorts in the region.

Project Type	Remedial Waterproofing
Project Size	Multi-Storey Residential
Products Used	TREMproof Torch 3000, TREMproof Torch Bitumen Primer

Challenge

When you are working with one of the most prestigious resorts in Port Douglas where the highest quality of facilities, services and experiences are expected, you need to provide unparalleled results. In this scenario, the roofs of two premium villas had been leaking for some time, resulting in water ingress and unsightly interior staining caused by water damage. The solution needed to be low-odour to avoid disrupting the experience of paying guests while the work was being completed. Harsh North Queensland conditions also demanded a high-quality product strong enough to withstand ongoing weather exposure. When Sea Temple Apartments discovered an issue with its waterproofing, a high-performance yet aesthetically pleasing solution was the only option.

Low VOC solution required to reduce neighbourhood discomfort.

Robust solution required due to harsh conditions in Northern Queensland.

Solution

As the contractor had previously used non-Tremco liquid membranes, a more robust and durable solution was required. A solution that could also provide the warranty expected for a high-quality development such as Sea Temple. Having successfully completed many other projects using Tremco systems, the applicator had confidence in the Tremco solution. A dual-layer application of TREMproof Torch 3000 was therefore the logical choice for this high-end development. The low-VOC and low-odour properties of TREMproof Torch 3000 further supported its selection, helping to minimise disruption in the built-up five-star accommodation environment.





BELOW GRADE WATERPROOFING SYSTEMS

TREMCO

PROJECT PROFILE:
Multi-Storey Healthcare Facility





Paraseal (LG/SW)

HDPE/Bentonite Dual Waterproofing Sheet Membrane

Paraseal is a sheet waterproofing membrane consisting of 20 mils (0.5 mm) of HDPE, expandable granular bentonite and a protective layer of spun-bonded polyester, which creates a dual waterproofing membrane.



TREMproof 250GC

Rapid-Curing, Fluid-Applied, Elastomeric Membrane

TREMproof 250GC is a rapid-curing, high-solids, VOC-compliant modified polyurethane waterproofing membrane that can be applied to green concrete.



TREMproof 201/60

High-Solids, VOC-Compliant, Modified PU Membrane

TREMproof 201/60 is a one-part, moisture-curing, modified polyurethane elastomeric waterproofing membrane.



TREMproof Torch 3000

3mm APP-Modified Bituminous Torch-Applied Membrane

TREMproof Torch 3000 is a 3 mm thick, APP-modified bituminous torch-applied waterproofing membrane base sheet. TREMproof Torch 3000 is heavy-duty, high-strength, non-woven polyester mat, impregnated and coated with a tough APP polymer-modified bitumen compound.



TREMproof Torch Antiroot

APP-Modified Bituminous Torch-Applied Membrane with Antiroot Properties

TREMproof Torch Antiroot is a 3.8 mm thick, APP-modified bituminous torch-applied waterproofing membrane with polyester spunbond reinforcement, glass filament reinforcement and highly effective anti-root properties.



TREMproof FBM Plus

HDPE Pre-Applied Waterproofing Membrane

TREMproof FBM Plus is a high-performance, pre-applied waterproofing membrane composed of a robust high-density polyethylene (HDPE) film, a high-tack pressure-sensitive adhesive and a weather-resistant protective coating. The membrane is designed to form a continuous and integral bond with freshly placed concrete, creating a durable barrier that resists water ingress.

About

This Child Health and Learning facility in Manly, delivers specialist child healthcare for up to 15,000 families a year from rural, regional and remote New South Wales and beyond.

Project Type	Below-Grade Waterproofing
Project Size	Six Storey Multi-Purpose
Products Used	Paraseal SW

Challenge

The two biggest waterproofing challenges for this build were:

1. A below-grade, non-structural blinding slab located 4 metres below sea level and less than 50 metres from Manly Beach. During construction, dewatering pumps removed more than 1.3 million litres of water per day from the site.
2. The need for a waterproofing solution that would not fail if the membrane was penetrated during either the pre- or post-construction phase.

Due to the site's proximity to the beach and the inclusion of a raft slab in the basement, a standard below-grade waterproofing solution was not suitable for this build.

Solution

Tremco was asked to provide a solution for this complex build. The below-grade waterproofing quickly became one of the most challenging areas of the project. Located only 50 metres from the ocean and 4 metres below sea level, the site required a reliable waterproofing solution that was robust enough to withstand potential damage from trades during post-installation works. Tremco recommended and supplied Paraseal SW (Saltwater) for the application.

To help ensure the project ran smoothly, Tremco conducted iAuditor reporting. iAuditor is an onsite quality assurance programme used by Tremco to support the builder and applicator by checking that products are installed correctly and in accordance with specification. This helped give the builder confidence that product-related waterproofing defects would be minimised.

Overall, both the builder and developer were happy with the end result, which provided the warranty and quality required of such a development.



The site was 50 metres from Manly Beach and 4 metres below sea level



1.3 million litres of water daily was pumped from the site

INTERNAL WET AREAS WATERPROOFING SYSTEMS

TREMCO

PROJECT PROFILE:
Rouse Gardens, Rouse Hill





Vulkem NEM Plus

One-Part, Single-Coat Application, Polyurethane Membrane

Vulkem NEM (Non-Exposed Membrane) Plus is an Australian-made, single-component, moisture-curing, high-tensile-strength and tough-curing polyurethane membrane. Single-coat application makes Vulkem NEM Plus ideal for internal and external areas where fast-paced construction occurs.



Vulkem H2 Plus

Low-Odour, Low-VOC, Modified-Acrylic Membrane with Micro Fibres

Vulkem H2 Plus is a single-component, rapid-cure, modified acrylic waterproofing membrane incorporating microfibres to increase strength and wet film thickness.



TREMproof 90

Two-Component, Liquid Applied Membrane for Internal Wet Areas

TREMproof 90 is a two-component, liquid-applied membrane designed for use under tile and vinyl flooring in internal wet area waterproofing applications. TREMproof 90 is a flexible, fast drying, low-odour waterproofing membrane with fibre reinforcement for increased wet film thickness.



Vulkem 125

Low-odour, One-Part, Polyurethane Waterproofing Membrane

Vulkem 125 is a low-odour, single-component, moisture-curing, high-elongation polyurethane membrane.



Vulkem 150

Low VOC, Single Component, Polyurethane Waterproofing Membrane

Vulkem 150 is a roll-able grade, low VOC, polyurethane waterproofing membrane. It is suitable for use with the Vulkem range of polyurethane top coats or can be used as a stand-alone membrane in non-UV exposed or non-pedestrian foot traffic conditions. When used with a Vulkem top coat, different slip ratings can be achieved by adding Tremco's various aggregates to the Vulkem top coat.

About

In response to unprecedented demand, Rouse Garden is filling the void of modern-day homes close to trains, shops & jobs at the most competitive price on the market. From floor to ceiling glass walls, timber hardwood flooring and a private rooftop garden terrace complete with BBQ and lounge areas. Living rooms have been purposed to allow seamless indoor and outdoor transitions, blurring the boundaries between inside and out and elevating your home to new heights.

Challenge

Presented with tight timelines, and expectations of high-quality, the contractor was tasked with working on Rouse Gardens. Waterproofing both the internals and roof of the building, the builder demanded warranties to match the project requirements and to deliver a quality finish expected of this high profile project.
To streamline this build, availability of stock and ease of application were key product requirements needed from the project, which Tremco were tasked with delivering.

Project Type	Waterproofing
Project Size	Bathrooms, Balconies, Roof
Products Used	Vulkem H2 Plus, Vulkem NEM, Vulkem 350NF/951NF

Vulkem NEM's single component formula allows for a more consistent application and thickness.

Vulkem 350/951NF's fast cure allows the area to be returned to use 12 hours after installation in most instances.

Solution

The versatility of Vulkem NEM and H2 Plus being used as a system for internal wet areas allowed for a quality result to be achieved. For outdoor areas, Vulkem 350NF/951NF Pedestrian coating was installed to provide a low-odour durable trafficable solution for the roof. Given the tight time frames, backed with long warranties to match product performance, Vulkem NEM, Vulkem 951 NF and Vulkem H2 Plus provided the quality result demanded from the builder which resulted in both Builder, and Applicator very satisfied with the job.



Over 140 Kitchens



Over 275 Bathrooms

BALCONY AND PODIUMS

SEALANTS



Vulkem NEM Plus

One-Part, Single-Coat Application, Polyurethane Membrane

Vulkem NEM (Non-Exposed Membrane) Plus is an Australian-made, single-component, moisture-curing, high-tensile-strength and tough-curing polyurethane membrane. Single-coat application makes Vulkem NEM Plus ideal for internal and external areas where fast-paced construction occurs.



TREMproof P85

Two-Component, Rapid-Curing, 100% Solids, Spray-Applied, Hybrid Polyurea Membrane

TREMproof P85 is a 100% solids, spray-applied hybrid polyurea waterproofing membrane that allows for rapid installation and assists with accelerated construction schedules. It is also able to be used on roofs and trafficable areas.



Vulkem 125

Low-Odour, One-Part, Polyurethane Waterproofing Membrane

Vulkem 125 is a low-odour, single-component, moisture-curing, high-elongation polyurethane membrane.



Vulkem 150

Low-VOC, Single-Component, Polyurethane Waterproofing Membrane

Vulkem 150 is a roll-able-grade, low-VOC polyurethane waterproofing membrane. It is suitable for use with the Vulkem range of polyurethane top coats or can be used as a standalone membrane in non-UV-exposed or non-pedestrian foot traffic conditions. When used with a Vulkem top coat, different slip ratings can be achieved by adding Tremco's various aggregates to the Vulkem top coat.





Dymonic 100

One-Part, High-Performance, High-Movement, Polyurethane Sealant

Dymonic 100 is a highly versatile sealant that has a unique capability to adhere to damp or green concrete. Dymonic 100 is a durable, flexible, paintable sealant that offers excellent performance in moving joints and exhibits tenacious adhesion once fully cured.



Dymonic FC

One-Part, Fast-Cure, Hybrid, Paintable, Moisture-Curing, Isocyanate- and Silicone-Free, High-UV-Resistant Sealant

Dymonic FC is a low-modulus, single-component, moisture-cure polyurethane hybrid sealant. Formulated with proprietary polymer technology, Dymonic FC provides a fast-cure, paintable sealant that is suitable for control joints and precast concrete panel joints.



TREMflex 25FC

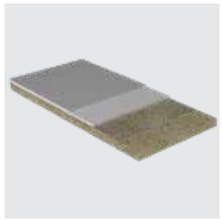
One-Part, Fast-Curing, Polyurethane Joint Sealant

TREMflex 25FC is a one-component, fast-curing, flexible fillet joint sealant for use in professional waterproofing applications. TREMflex 25FC is ideally suited to, and forms part of, Tremco's waterproofing system. TREMflex 25FC is designed for use as a fillet joint for movement junctions, including wall-to-wall and wall-to-floor junctions, in waterproofing installations.



ROOFING SYSTEMS LIQUID-APPLIED

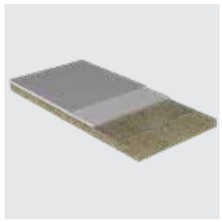
TREMCO



Vulkem 350/346

UV-Resistant Pedestrian Traffic Waterproofing System Comprised of Moisture-Cured, Single-Component Membranes

Vulkem 350/346 is a one-component waterproofing system comprised of tough-curing liquid polyurethane. It cures to form a durable rubber membrane surface that provides a lasting and easy-to-clean waterproof and trafficable coating.



Vulkem 350R/951NF

Low-VOC, UV-Resistant, Light to Moderate Pedestrian Foot Traffic Waterproofing System

Vulkem 350R/951NF is a low-VOC, UV-stable waterproofing system, suitable for use with light to moderate pedestrian foot traffic. It is comprised of a tough-curing, UV-stable liquid polyurethane top coat and flexible polyurethane base coat. Different slip ratings can be achieved using the Vulkem 350R/951NF system, by adding Tremco's various aggregates to the Vulkem 951NF top coat.



ROOFING SYSTEMS SHEET APPLIED AND REMEDIAL

TREMCO



TREMproof Torch 3000

3 mm APP-Modified Bituminous Torch-Applied Membrane

TREMproof Torch 3000 is a 3 mm thick, APP-modified bituminous torch-applied waterproofing membrane base sheet. TREMproof Torch 3000 is a heavy-duty, high-strength, non-woven polyester mat, impregnated and coated with a tough APP polymer-modified bitumen compound.



TREMproof Torch 4000M

4 mm APP-Modified Bituminous Torch-Applied Membrane with Mineralised Surface

TREMproof Torch 4000M is a 4 mm thick, APP-modified bituminous torch-applied waterproofing membrane with polyester spunbond and glass filament reinforcement. TREMproof Torch 4000M is coated with a highly UV-resistant mineralised surface.



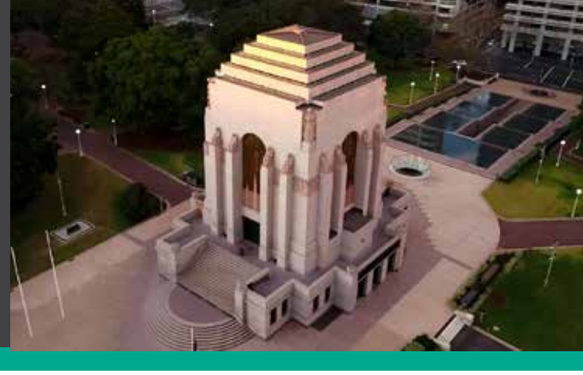
AlphaGuard BIO

UV-Resistant, Two-Part, Bio-Based, High-Performance Polyurethane Waterproof System

AlphaGuard BIO is an extremely high-performing composite waterproofing system, designed with a focus on roofing restoration. AlphaGuard BIO has the ability to be installed over various existing roofing membranes in order to minimise tenant disruption and extend the life of the roof for an additional 20 years.



PROJECT PROFILE:
ANZAC Memorial Sydney



About

The ANZAC Memorial was designed as a sculptural monument, a unique collaboration between architect Charles Bruce Dellit and sculptor George Rayner Hoff; it is arguably one of the finest examples of the union of architecture and art in Australia.

The building is a striking architectural form, symmetrical on both axes. It uses elements reminiscent of traditional Gothic architecture, including buttresses, cathedral windows and high ceilings, in the Art Deco style. The Memorial is adorned externally with twenty sculptures representing the units of the Australian Imperial Force (AIF). These are the sentinels of the building, keeping watch while representing the fallen to whom the building is dedicated.

Project Type	Restoration Rebuild
Project Size	15,000 m²
Products Used	TREMproof Torch, TREMproof 90, Vulkem NEM, Paraseal LG

Tremco provides regular iAudit reports on the jobsite to ensure consistency is maintained.

Over 3,000 m² Paraseal LG was installed Below Grade due to it's speed of installation and unique self sealing properties.

Bruce Dellit's vision for the Memorial included a still pool bounded by poplars to the north of the building, included for their significant symbolic association with the battles in France and Belgium, and a cascading fountain to the south.

The Hall of Service, at the centre of the Centenary Extension, is a civic space that architecturally and artistically mirrors the Hall of Silence. The LC Hall was named in acknowledgement of the original Memorial halls and to recognise more than a century of service by Australian servicemen and servicewomen. At the threshold to the space are the words: "NSW Service with and for All Australians".



Challenge

When restoring a National War Monument visited by thousands of people annually, you need to provide the highest-quality results and finishes expected of such a significant structure in our history. The challenge here comes from creating a restoration solution on a building that was designed in the early 1930s, which needs to be flexible enough to maintain the architect's core design features while also being created and executed within a tight timeframe in time for ANZAC Day. The solution needed to encompass modern technology with traditional design features to ensure the restoration lasts for the next 100 years as a memorial to our fallen heroes.

Solution

Tremco worked closely with the contractor and builder to provide a solution which was both timely and high-quality.
Over 15,000 m² of Tremco products was installed on this historic site. Tremco provided regular iAudit reports on the jobsite (iAudits is a quality control measure used to ensure the products are being applied consistently)
During regular site visits, Tremco were able to provide a high level of customised technical information and design advice to ensure the project ran smoothly and to the builder's expectations.
The contractor used the following products on the restoration:

- 3,000 m² of Paraseal LG was installed below-grade due to ability to self-seal if penetrated.
- Over 12,000 m² of Torch-On (TREMproof 3000 and TREMproof 4000) was installed in a double-layer for the water fountain and external walkways.
- Vulkem NEM was installed for all internal membrane requirements.



iAuditor reports were vital in ensuring the quality was maintained throughout the project



Over 12,000m² of TREMproof Torch was used on the water fountains and walkways

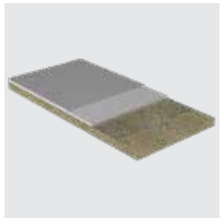
HEAVY DUTY PEDESTRIAN

TREMCO

PROJECT PROFILE:

Margaret Whitlam Grandstand
Waverly Oval

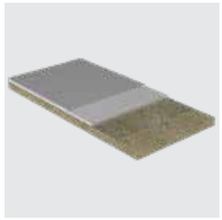




Vulkem 350R/951NF/951NF

Low-VOC, UV-Resistant, Moderate Pedestrian Foot Traffic Waterproofing System

Vulkem 350R/951NF/951NF is a low-VOC, UV-stable waterproofing system suitable for use with moderate pedestrian foot traffic. It is comprised of a tough-curing, UV-stable liquid polyurethane top coat, aggregate-laden polyurethane wear coat and flexible polyurethane base coat. Different slip ratings can be achieved using the Vulkem 350R/951NF/951NF system, by adding Tremco's various aggregates to the Vulkem 951NF top coat.



Vulkem 350/346/346

UV-Resistant Trafficable Waterproofing System Comprised of a Tough-Curing Liquid Polyurethane

Vulkem 350/346/346 is a composite waterproofing system comprised of tough-curing liquid polyurethane. It cures to form a durable rubber membrane surface that provides a lasting and easy-to-clean waterproof and trafficable coating. Vulkem 350/346/346 may be used to apply a seamless, monolithic waterproof membrane to concrete and primed metal surfaces.

Tremco Construction Products Group offer a series of FREE online Formal CPD presentations...

We can provide presentations to your firm as part of a customised online company meeting or you can join one of our group meetings.

Each presentation we will provide your company with:

- Your CPD certificate for all participants
- AIA formal recognition
- Product Samples for your records if requested



CONTACT US FOR MORE INFORMATION
Ph: 1800 318 038
Email: specifications@tremco.com.au

About

The sporting history of Waverly Oval dates from the 1880s when the Waverley Cricket Club gained approval to construct a pitch.

The first pavilion was built by the Waverley Cricket Club in the 1890s and Council built a second pavilion in 1908 with expanded facilities for the benefit of the cricketers and the public. This Pavilion was replaced in 1939 with an Inter-War Functionalist-style building.

In April 2012, the new Waverley Park Pavilion was named the Margaret Whitlam Recreation Centre, in honour of the long association the late Margaret Whitlam AO had with the Waverley area.

Project Type	Pedestrian Coating
Project Size	Over 500 m^2
Products Used	Vulkem 350R/951NF/951NF

Low-VOC solution required due to the area being in a Public/ Government venue.

Council required a system which provided a 15 Year Warranty.

Challenge

Remediation of the pedestrian areas of Margaret Whitlam Grandstand was completed five years ago but unfortunately was not successful due to product failure, not Tremco. Council contacted Tremco to provide an acceptable solution, with the requirements that the new system needed to come with a 15-year warranty.

The challenge of this project was not the 15-year warranty period, but the need for a low-odour solution due to the area being in a public/government venue. Not all membranes have low-VOC properties.

Solution

Tremco recommended Vulkem 350/951NF/951NF for the job, which is not only low-odour but also offers a 15-year warranty period, as required from the Council. Tremco offering onsite support throughout the project gave the Council confidence in our product.

Vulkem 350/951NF/951NF, is a composite waterproofing system comprised of tough-curing liquid polyurethane. It cures to form a durable rubber membrane surface that provides a lasting and easy-to-clean waterproof and trafficable coating. Textured surfaces for traffic will use an aggregate-laden top membrane to aid in wear and slip resistance.

Both the Council and Contractor have been very happy with the end product, which has resulted in additional opportunities for Tremco.





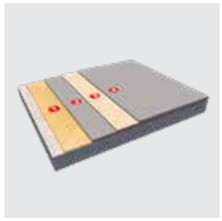


HEAVY DUTY VEHICULAR

Flowcrete
for the world at your feet

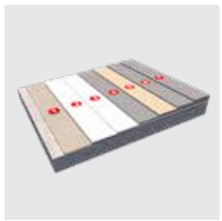
PROJECT PROFILE:
Move Apartments





Flowcoat OP

Flowcoat OP is a high-performance, solvent-free epoxy floor coating system designed to create a uniform “orange peel” surface texture. Dependant on thickness, Flowcoat OP can be lightly or fully textured to provide a non-slip finish.



Deckshield ED Rapide

Deckshield ED Rapide is a flexible PUMMA car park deck coating that delivers a colourful, waterproof, durable and crack-bridging surface for exposed decks. It complies with AS 4654.1:2012 Waterproofing Membrane standard.



Deckshield ID

Deckshield ID is a low-maintenance polyurethane deck coating system that transforms intermediate decks in multi-storey parking structures, including turning areas and high-traffic zones.



Deckshield ID Rapide

Deckshield Rapide ID is a flexible MMA car park deck coating system that delivers a rapid-curing, colourful and durable finish. The system is designed to enhance, brighten and protect multi-storey car parks and suspended decks.

About

Move Apartments is a multi-residential complex in Western Australia where car park repair works required careful management to avoid disrupting tenants’ daily routines. The project centred on a 1,100 m² car park deck requiring a durable, high-performance coating solution.

Challenge

Car park repairs in a residential setting demand careful planning, as tenants rely on continuous access to their parking bays and prolonged closures create significant inconvenience. A reliable car park coating system with a quick turnaround was required to minimise the time the car park was out of service and reduce disturbance to tenants throughout the installation.

Project Type	Car Park
Project Size	1,100 m²
Products Used	Deckshield ED Rapide

MMA additives speed up curing time, reducing construction schedules.

UV-resistant technology withstands harsh UV exposure.

Solution

The Deckshield ED Rapide system, a crack-bridging MMA car park deck coating engineered for multi-residential applications, was specified to deliver a waterproof, UV-resistant surface for long-lasting protection on exposed decks.
The coating is fire-, abrasion- and chemical-resistant, making it well suited to the demands of a residential car park. Its highly textured aggregate finish provides a slip-resistant surface while also reducing tyre squeal, helping to limit the impact of vehicle traffic on residents.
Powered by methyl methacrylate resin technology, Deckshield ED Rapide supports a rapid return to service. Surface preparation and full application across the 1,100 m² area were completed in just four days, allowing tenants to resume their daily routines without delay.





PROJECT PROFILE:
Parallel Apartments



About

Parallel Apartments offer the best of everything Perth has to offer, with riverfront serenity, and the luxury of watching waves gently lap the shore from your balcony. Yet you're a mere walk away from the non-stop action of WA's premier entertainment complex, Crown Perth.

You're minutes away from work with the CBD at your doorstep. Yet the resort feel of this complex makes you feel a million miles away on holiday.

The building has 13 levels, consisting of four levels of basement parking, a podium base with pool deck, and a tower section. With the café taking pride of place on the ground floor.

Project Type	Multi Storey Residential
Project Size	13 Levels
Brands Featured	Tremco, Flowcrete, Illbruck

Partnering with Tremco CPG allows the builder to provide solutions for many different areas of the construction envelope.

Vulkem H2 Plus - Low-odour allows for use in low-airflow areas like bathrooms, washrooms, and kitchen areas.



PRODUCTS	QUANTITY
Dymonic 100	450 Sausages
TREMflex 50	1000 Cartridges
TREMglaze 50	2000 Sausages
Spectrem 2	960 Sausages
illmod 600	50 m
Paraseal LG	3500 m^2
TREMproof 250GC	1000 m^2
Vulkem H2 Plus	10,000 m^2
Vulkem NEM	7000 m^2
Vulkem 350R/360NF/951NF	800 m^2
TREMcrete NWP	400 m^2
Deckshield ED Rapide with coloured quartz	500 m^2

Challenge

With such a sophisticated block of apartments, located on the banks of the Swan River, this project posed many challenges through not only its complex design, but also its functionality and physical location, with challenges literally from the roof to the basement and everything in between.

Solution

The benefit of partnering with such a diverse company as Tremco CPG is Tremco's ability to provide solutions for many different areas of the construction envelope.

Projects like Parallel Apartments are a perfect example of how Tremco CPG can really provide succinct building solutions and support for the builder and developer for any construction project. Backed by brands like Tremco, Flowcrete, illbruck, Willseal, Nullifire and more, you can have confidence that the solutions and systems provided will be top quality and compatible with each other, providing complementary solutions for the building.

Tremco CPG were able to utilise its diverse product range to provide a comprehensive solution for Parallel Apartments in the below areas:

- **Roof:** With regular pedestrian traffic on the roof, we recommended and installed Vulkem 350NF-R /951NF/951NF installing over 800 m^2.
- **Balconies:** The 100 tiled balconies within the complex saw Vulkem NEM and Vulkem H2 Plus installed from Tremco's Waterproofing range.
- **Windows:** With over 500 windows and doors, Illmod 600 was specified around all window and door perimeters. For the windows, almost 2000 sausages of TREMglaze 50 and 1000 sausages of TREMflex 50 has been installed to ensure a strong bond with the frame and window.
- **Internal Wet Areas:** Tremco's Vulkem NEM (Non Exposed Membrane) and Vulkem H2 Plus were specified to install in over 330 internal wet areas.
- **Planter Boxes:** Over 1000 m^2 of TREMproof 250GC with anti-root additive installed.
- **Basement:** 28% of all waterproofing defects are a result of poor below-grade waterproofing. Over 3500 m^2 of Paraseal LG was installed in the basement to keep the building watertight.
- **Car Park:** When it comes to car park finishes, look no further than Flowcrete. For this project, over 500 m^2 of Flowcrete Deckshield ED Rapide with coloured quartz gave the customer the look and performance desired.







Tremco Construction Products Group (CPG) represents the combined power of brands including Tremco, Dryvit, Willseal, Flowcrete, Nullifire, illbruck, Vandex, Euclid Chemical, Duram, Nuralite, Nurajack, Outright.

Our products and services empower teams to develop, design, restore and engineer structures that are more efficient to build and maintain, are virtually impervious to the elements and can provide any look desired.

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