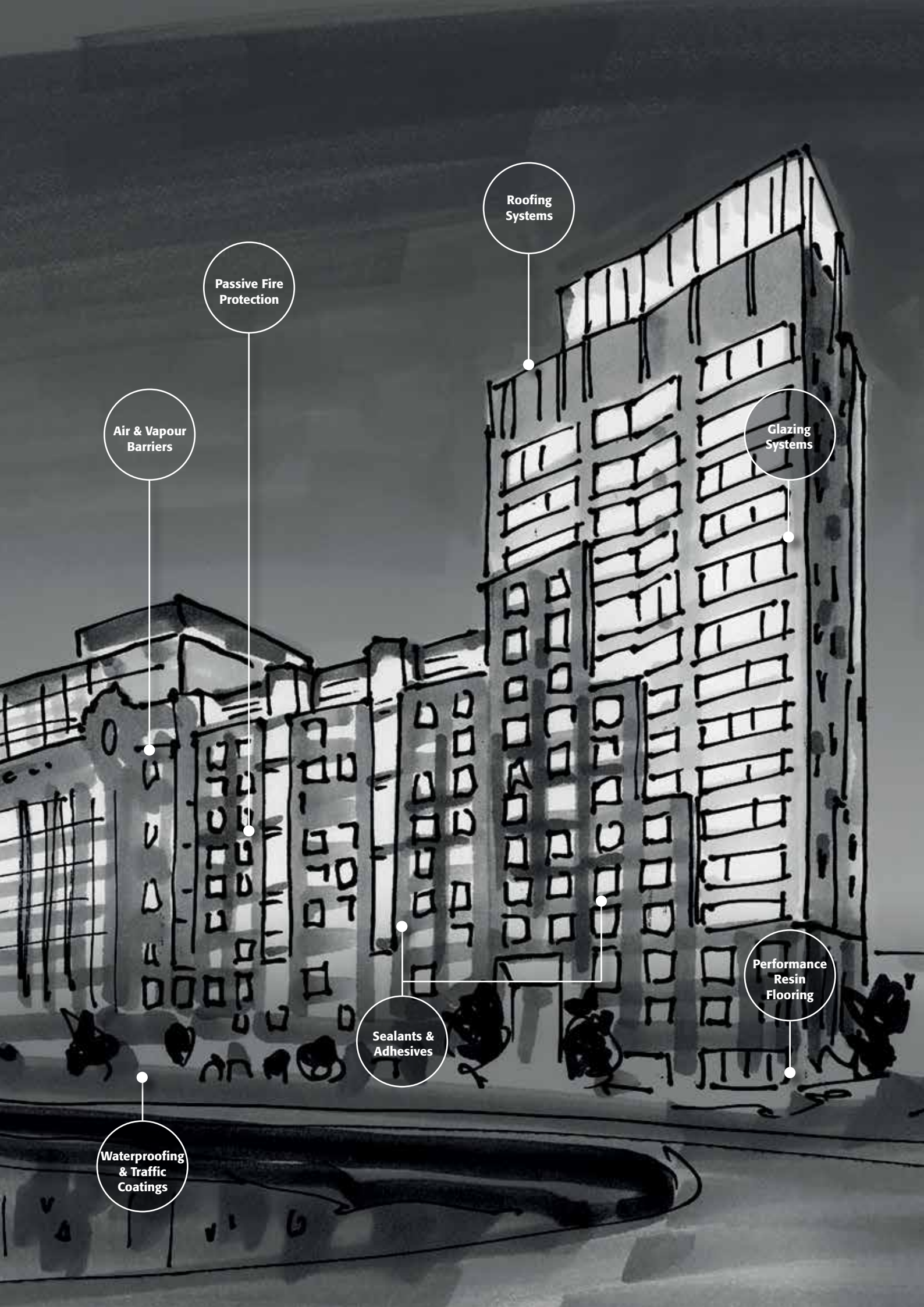




GLAZING SEALANTS & ASSOCIATED PRODUCTS

*Insulated Glass Unit Bonding / Weather Seal Sealants & Membranes /
Silicone Structural Bonding / Complimentary Mastics & Adhesives / Fire Protection*



Roofing
Systems

Passive Fire
Protection

Air & Vapour
Barriers

Glazing
Systems

Sealants &
Adhesives

Performance
Resin
Flooring

Waterproofing
& Traffic
Coatings

A world leading supplier of building envelope solutions

We know that the success of any construction project relies on more than the products that are used, it takes a lot of skill, knowledge, understanding, and expertise to ensure that those products are applied in the best way possible.

At Tremco Construction Products Group (CPG), we're committed to shaping the future through innovative approaches and sustainable solutions.

This commitment is backed up by the fact that we bring together first-class technology with a customer-focused approach, along with skills that have been built up over multiple decades within very specialised fields, to provide a truly unique service.

From joint sealing, façade bonding and insulation through to passive fire protection, performance resin flooring, waterproofing, and roofing solutions — our broad range makes us the ideal partner to solve the complex challenges faced by today's architects, contractors, developers, and trades.

With expertise in a range of product technologies, Tremco CPG provides solutions to help you engineer structures that are more efficient to build and maintain, are virtually impervious to the elements, and can provide a multitude of finishes.

Our brands include Tremco, Willseal, Flowcrete, illbruck, Nullifire, and Euclid Chemical.



EUCLID CHEMICAL

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 are 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.



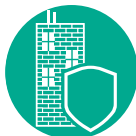
Any Look You Want

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.

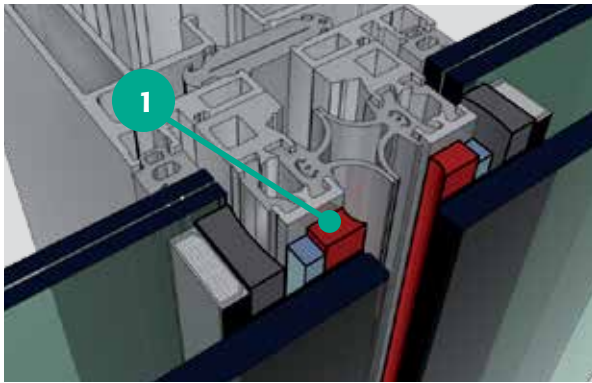
SINGLE SOURCE GLAZING SOLUTIONS

Since 1928, Tremco have pioneered superior weatherproofing solutions for the global construction market.

With a fully-integrated line of glazing sealants, compatible gaskets, tapes, spacers, setting blocks and window-to-wall interfaces, we eliminate the guesswork. This tested and fully integrated approach ensures the adhesion, weatherability and durability of the total glazing system for peace of mind.

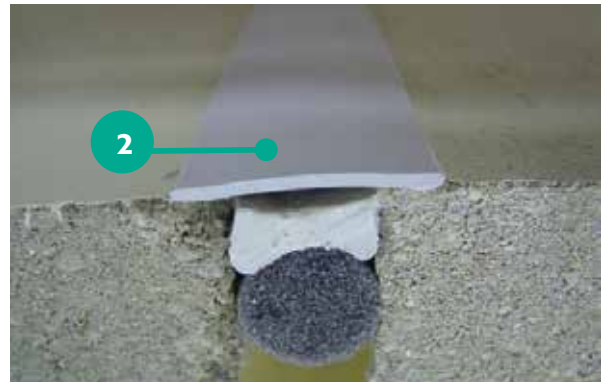


PRODUCT SELECTOR



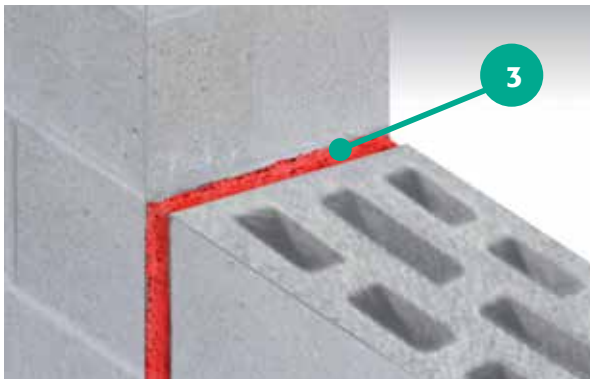
1. Structural Glazing

Proglaze II,
SG300



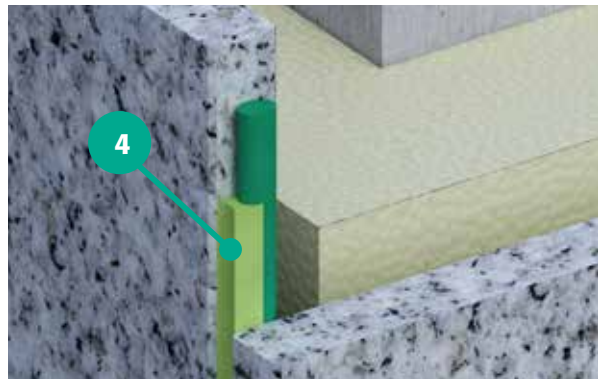
2. Remedial

Spectrem Simple Seal,
Spectrem Restoration Overlays



3. Fire Rated

Fyrethane



4. Weather Seal

Dymonic FC,
TREMglaze 50



5. Weather Seal Foams

illmod 600,
illbruck FM 330



6. Accessories

Sealant Guns,
Graco AGP100 Pump

Tremco CPG understands that the correct selection of structural sealants and glazing components is crucial for a safe and leak-free building.



With all of the variables in play on today's projects, it isn't about a good-better-best approach anymore, but about using the right approach to address the application.

There are specific sets of jobsite conditions where a sealant may be sufficient to make the connection. In other instances, extreme movement of the window or curtainwall may occur requiring high-movement connection. Tremco offers a variety of tested, proven transition solutions that can accommodate almost any design from standardised to highly specialised.

STRUCTURAL GLAZING



Proglaze II

Two Component Silicone Sealant

A high performance, UV resistant, silicone sealant, designed for in-plant structural glazing and curtain wall applications. Meets the requirements of ASTM C1184.



Tremco SG300

High Performance Silicone Sealant

A versatile, one part silicone sealant that is suitable for structural bonding applications. Meets the requirements of ASTM C1184.



Tremco SG635

Structural Glazing Tape

An open cell, high density PVC foam tape with a micro-cellular structure. Tremco SG635 has been specially developed to be used as a compatible spacer tape for structural glazing systems.



Tremprime SG010 Primer

Silicone Sealant Primer

One component primer used to enhance adhesion of single or two-component silicone on non-porous surfaces such as metals and plastics. Approved for structural glazing.

Glazing Pumps are available for hire in every state..

For the best results why not hire our Graco Pump, ideal for:

- Structural Glazing for Curtainwall
- Window Glazing or Back Bedding
- Insulation Glass Sealant

CONTACT US FOR MORE INFORMATION

Ph: 1800 318 038

Email: specifications@tremco.com.au



PROJECT PROFILE:

BMW Mini Rushcutters Bay



About

When you are a premium brand delivering high quality products to high end customers it's all in the detail. This new five storey state of the art facility/showroom can house up to 100 cars on display at any one time. It contains 2 showrooms, a workshop area, offices, parts storage and training centre, offering one of the best purchasing experiences in Sydney.

Challenge

A complex glazed wall facade with over 5000m² of glass on one of the most prominent corners in Sydney, this project came with plenty of challenges. Clean lines, quality finishes and a high-quality job was demanded from this flagship location, minimal obstruction from the road was needed to ensure the cars could be seen clearly by passing traffic. Due to the size of the job, regular onsite inspections and testing throughout the installation process was required as well as a long term warranty to give the developer peace of mind that the project would be completed to their high expectations and standards.

Solution

Tremco worked closely with all parties from product specification to providing iAuditor reports and onsite visits throughout the project giving confidence that the job was being conducted to the high expectations this brand demanded. The products used on the job were Proglaze II, SG300 and Tremgalze 50, providing an ideal solution, ensuring the structural integrity and warranties required met the project needs. With over 80 years experience in the market Tremco CPG was a standout solution.

Project Type

New Construction

Project Size

5000m²

Products Used

PROglaze II, SG300, TREMglaze 50

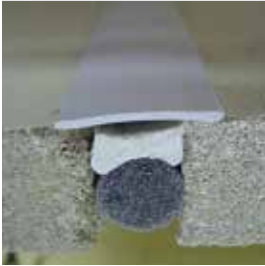


Premium quality products backed by a 20-year warranty.



Tremco provided iAuditor reports throughout the project to ensure consistent high quality of application.

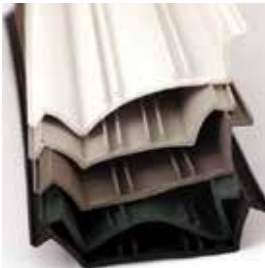




Spectrem Simple Seal

Extruded Silicone Bridge

An ultra-low modulus, preformed silicone extrusion specifically designed to have high elongation properties. Simple Seal is typically bonded with Spectrem 1 Silicone Sealant to a wide range of substrates to provide a watertight seal.



Spectrem Restoration Overlay

Silicone Dense Rubber Extrusion

The patented, innovative design solution provides long-lasting performance and aesthetics when restoring aging and/or compromised glazing systems including skylights, sloped glazing, zipper wall/lockstrip systems and pressure bar systems.



Spectrem 1

One Component, Moisture Cure Silicone Sealant

A high-performance, ultra-low modulus sealant with movement accommodation of +100/-50%. Spectrem 1 is the ideal sealant for the most demanding dynamically moving joints.



PROJECT PROFILE:

Octagon Building Parramatta



About

An iconic Sydney landmark, built in 1990 and refurbished in 2012, the Octagon in Parramatta NSW is a six-level 20,000 square metre A-grade commercial building. It comprises of two central cores connecting to modular office space across internal bridges within light filled atriums.

Challenge

With over 800 individual panels in each of the two atriums, this is a truly amazing structure.

Over time and through regular wear and tear, the two major skylights over the atriums had started leaking. Various attempts to repair the problem had been made but were unsuccessful. The challenge in providing a remedial solution to a six storey glass atrium is that most solutions require the removal of panels. This is not only expensive, but also means potentially stopping the flow of traffic under the glass panels whilst they are being removed, disrupting the flow of traffic in and out of the office building.

Solution

The Spectrem Simple Seal and Overlay solution is non intrusive. This customised restoration system eliminates the need to remove or replace existing glass panels. Installation was completed by accessing the externals of the building without the need for a scissor lift.

Glass to glass butt joints and mullions were encapsulated with this unique solution, saving the asset owner valuable time and money on installation and labour, as well as minimizing the down time where tenants were not able to access the building.

Project Type

Roofing/Glazing Restoration

Project Size

800 Window Atrium

Products Used

Spectrem Simple Seal,
Spectrem Restoration Overlay,
Spectrem 1



Economical, high performance, warrantable solution.



The time required to prepare, apply and complete the project was also considerably quicker.



1250 lineal metres, of custom Spectrem Restoration Overlay supplied as 286 pre-cut lengths to ease installation



1189 lineal metres of Spectrem Simple Seal supplied

WEATHER SEALS



Dymonic FC

One Component, Moisture Curing Hybrid Sealant

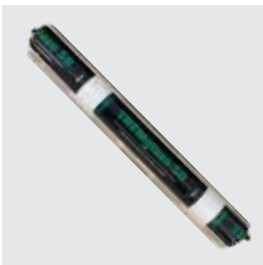
A low modulus, moisture-cure polyurethane hybrid sealant. Formulated with proprietary polymer technology. Dymonic FC provides a fast cure, paintable sealant that is fantastic for façade and window perimeter sealing.



Fyrethane

Fire Rated Acrylic Sealant

A single-part, water-based, acrylic fire rated sealant which forms after curing a permanently flexible and durable weatherproof and fire rated seal. Does not require mineral wool or ceramic fibre backing.



TREMglaze 50

Single Component, Neutral Cure Silicone Sealant

A low modulus, moisture curing, high performance silicone sealant. It is designed to give superior adhesion & long term durability in a wide range of glazing & weather sealing applications.



illmod 600

Pre-Compressed Impregnated Foam Seal

A UV-Stable, acrylic impregnated joint sealing tape for use in a wide variety of construction, control and expansion joints, as well as other applications.



ACCESSORIES



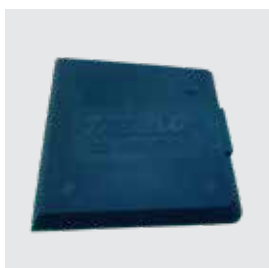
Sealant Gun

Tremco's Sausage Gun provides a high-thrust 26:1 mechanical advantage drive and full-size ergonomic handle to reduce hand fatigue. To be used in conjunction with Tremco sealants that are packaged in sausages. Available as manual or battery operated.



Graco AGP100 Pump

Provides on-ratio dispensing of two-component sealants and adhesives for curtainwall, insulating glass and other applications. The Graco AGP100 Pump provides accurate, on-ratio mixing and a consistent flow rate, even during pump changeover. Available for hire.



Silicone Spatula

Tremco's Silicone Spatulas provide four different corner tools in order to achieve the desired aesthetic finish to your sealant application. Due to the silicone compound that the spatula is made of, it is very easy to clean off and can be re-used on multiple projects.



Backing Rod

Tremco Backing Rods are designed to be used in conjunction with Tremco sealants. Ideal for use on both horizontal and vertical joints commonly found in precast panel butt joints, as well as around window/door perimeters.



IPA Cleaner

Isopropyl Alcohol solvent used in conjunction with Tremco silicone sealants. Tremco IPA Cleaner is also a great cleaning agent and can be used to clean surfaces and silicone sealants that have been left exposed for a prolonged period of time or have accumulated dust/dirt/debris prior to application of additional Tremco primer or silicone sealant.

WEATHER SEAL FOAMS



illbruck PU033

Polyurethane Foam Adhesive

One part, rapid curing gun grade polyurethane adhesive. It is ideal for the rapid installation of plasterboard, insulation or acoustic panels, EIFS, roof decking and similar sheet materials. PU033 is compatible with many common substrates including masonry, concrete, timber and metal.



illmod 600

Pre-Compressed Impregnated Foam Seal

A UV-Stable, acrylic impregnated joint sealing tape for use in a wide variety of construction, control and expansion joints, as well as other applications.



illbruck FM330

Pro Foam Air Seal

One part, rapid, moisture-curing expanding polyurethane foam which is gun applied and has excellent elasticity, air tightness and acoustic properties. It is airtight up to 1000pa and has 50% movement capability.



illbruck Foam Gun

Suitable for use with illbruck Polyurethane Foams

This ultra-high quality gun has been specially designed for the professional end-user. The illbruck Foam Gun is used to apply the range of illbruck foam products. It is lightweight and easy to use.



PROJECT PROFILE:

Brisbane International Cruise Terminal



About

The new, world-class \$177 million Brisbane International Cruise Terminal has been designed to cater for the biggest cruise ships in the world and give passengers a world-class experience. It will become a gateway, helping to showcase all that south-east Queensland has to offer.

Challenge

When you are working on one of the State Government's flagship projects, details and quality of work is imperative. The contractor was tasked with the supply and installation of over 450 IGU panels for the cruise terminal. The challenges posed for this type of job not only lay with installation of panels on such a large scale, but the physical installation in challenging conditions which included over water, and in high wind areas. Detailed documentation and onsite testing of the job was essential to comply with the customer's requirements to ensure quality was maintained throughout the project and to expectations.

Solution

For over 80 years Tremco has built our reputation around supplying and educating many large scale projects such as the Brisbane International Cruise Terminal. Collaborating with our loyal contractor, architect and builder, together with our vast experience on similar projects, Tremco was a natural fit for this iconic landmark. On site inspections utilising our iAuditor program was a key to maintaining the high quality expected by all stakeholders. With over 1000 Litres of Proglaze II installed, all parties could rest assured that the structural integrity and warranty requirements met the needs for such an impressive project.

Project Type

Glazing Installation

Project Size

450 IGU Panels

Products Used

PROglaze II, Dymonic FC



Premium quality products with proven record both nationally and internationally.



Tremco provided iAuditor reports throughout the project to ensure consistency of quality.



Tremco Construction Products Group (CPG) represents the combined power of brands including Tremco, Flowcrete, Willseal, illbruck, Nullifire, and Euclid Chemical.

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.

Ph: 1800 318 038

www.tremcocpg.com.au

