



**WINDOWS &
FACADE SEALANTS
& ASSOCIATED
PRODUCTS**

*Silicone Structural Sealants / Insulated
Glass Unit Sealants / Weather Seal
Sealants & Membrane/ adhesives and
other complementary products*

Air & Vapour Barriers

Roofing Systems

Passive Fire Protection

Glazing Systems

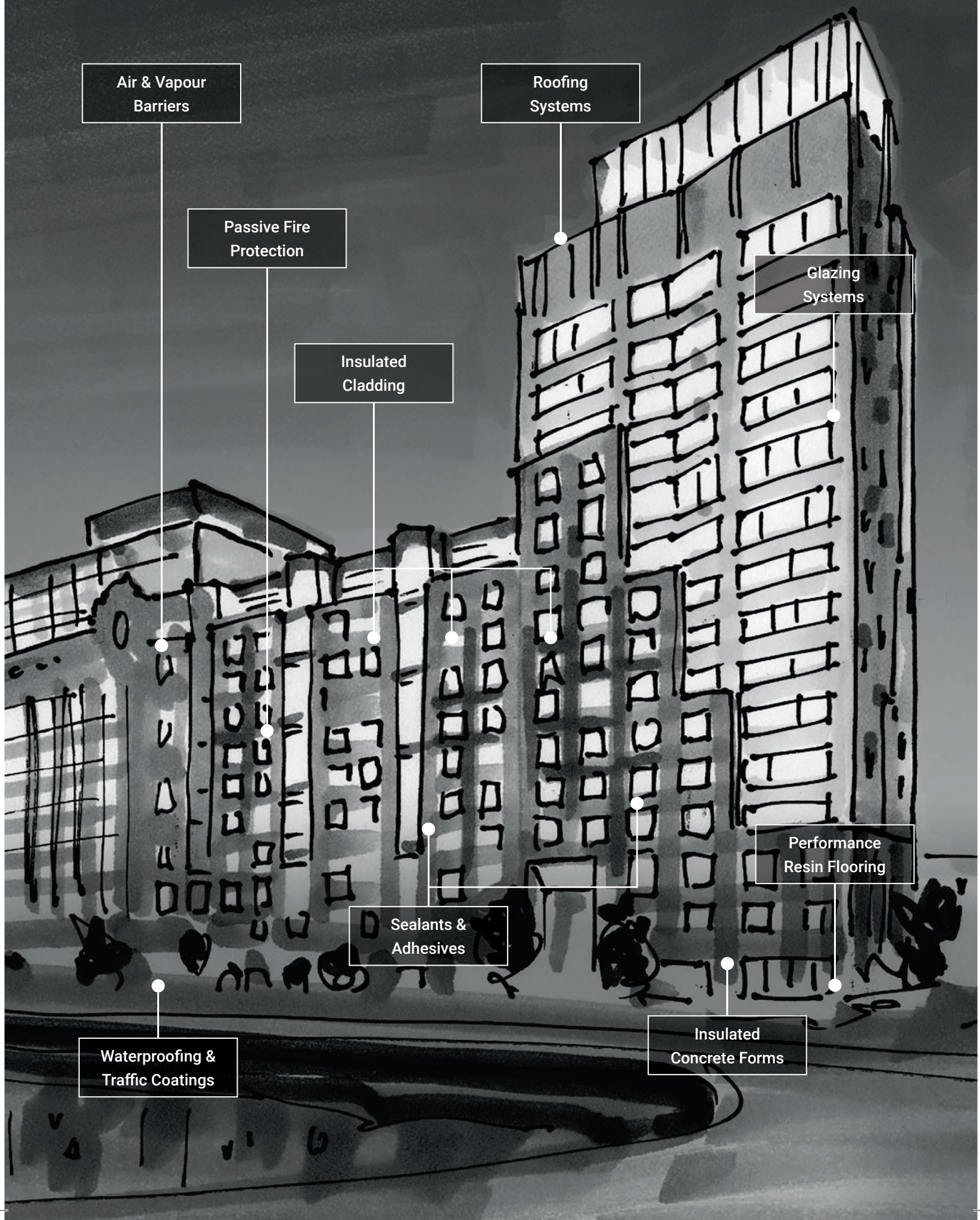
Insulated Cladding

Performance Resin Flooring

Sealants & Adhesives

Waterproofing & Traffic Coatings

Insulated Concrete Forms



INTRODUCING TREMCO CONSTRUCTION PRODUCTS GROUP

A world leading supplier of building envelope solutions across the Globe.

We know that the success of a construction project relies on more than the products that are used, as 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 unique technology with a customer-focused approach, along with skills that have been built up over multiple decades within very specialized fields across the globe, 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, illbruck, Nullifire, Willseal, Vandex, Dryvit, New Brick, Nudura, Flowcrete and 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.



Stronger and More Resilient

Our systems are designed for maximum durability, many with service lives far surpassing that of competing systems.



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.

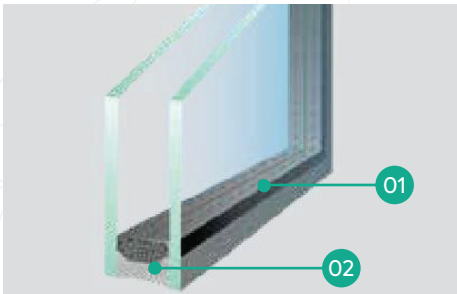


SINGLE SOURCE GLAZING SOLUTIONS

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

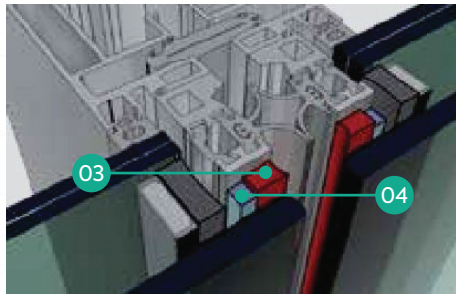
With a fully integrated line of glazing sealants, compatible gaskets, tapes, spacers, setting blocks and window-to-wall interfaces, we eliminate the guesswork. This tested and fully integrated approach ensures the adhesion, weatherability and durability of the total glazing system for peace of mind.

PRODUCT SELECTOR



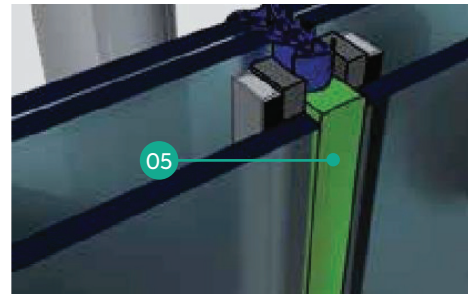
IG BONDING

- 01 Tremco JS680
- 02 Tremco JS562
Tremco JS442
Tremco JS443
Tremco JS562 HD
Tremco JS565



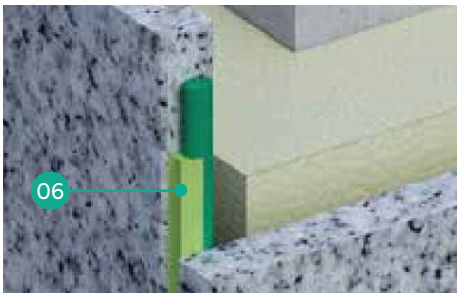
SSG BONDING

- 03 Tremco SG200 / Proglaze II
Tremco SG250
Tremco SG300
Spectrem 2 (2 sided only)
Proglaze SSG
- 04 Tremco SG635

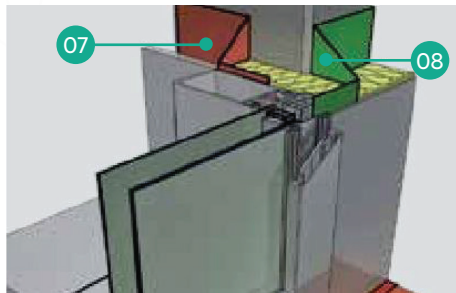


WEATHER SEALS

- 05 Tremco SG 500
Tremco SG 450
Trem WS 500



- 06 Tremco PU520



CONSTRUCTION / EXPANSION JOINTS

- 07 illbruck ME220
- 08 illbruck ME010/ME065

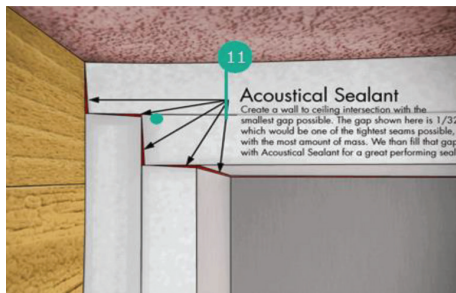


- 09 illbruck TP600

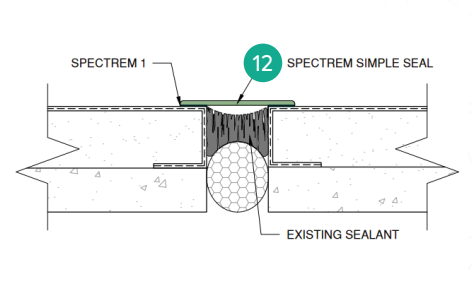


ANTIFUNGAL/ACOUSTIC RATED INTERIOR SEALANTS

- 10 GS205



- 11 LD750



RESTORATION SYSTEM

- 12 SPECTREM SIMPLE SEAL

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 standardized to highly specialized.

SILICONE STRUCTURAL & WEATHER SEAL SEALANTS

Silicone sealants for structural glazing applications and weather sealing curtainwalls, façades and joints.

Tremco takes the guesswork out of glazing system design and assures the adhesion, weatherability and durability of the system. Tremco also provides compatible perimeter caulking, weatherproofing and transitions from the window and/or curtain wall system to the wall assembly.



TREMCO SG200 / PROGLAZE II

Two Component Silicone Sealant

A high performance, UV resistant, silicone sealant, designed especially for structural bonding of single panes or IG units to a structural frame in order to support the transfer of dynamic wind load. Meets ETAG002 / ASTM C 1184 requirements.



TREMCO SG300

High Performance Silicone Sealant

A versatile, one part silicone sealant that is suitable for structural bonding applications. Tremco SG300 meets requirements such as ASTM C-920 Type S Grade NS Class 25 and ASTM C 1184.



PROGLAZE SSG

Single Component, Neutral Cure Silicone Sealant

Designed to meet the stringent performance needs for both 2- and 4-sided structural and protective glazing. Proglaze SSG offers fast through cure and exceptional tensile strength to meet the most stringent building codes.



SPECTREM 2

One Component, Neutral Cure Sealant

A premium medium modulus neutral cure silicone sealant with $\pm 50\%$ movement capacity, suitable for a variety of heavy-duty construction applications such as weather sealing, movement joint sealing and two-sided structural glazing.



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 for structural glazing systems.



TREMCO SG500

Premium Grade Fire resistant silicone weather sealant

A one-part sealant for projects where high joint movement is anticipated such as structurally glazed curtainwall or aluminium cladding. Can also be used for expansion joints and external perimeter joints with a movement accommodation of $\pm 50\%$.



TREMCO SG450

General Purpose Silicone Weather Seal

A one-part neutral curing medium modulus silicone sealant with excellent mechanical resistance, weathering capabilities and good adhesion to most non-porous substrates with a movement accommodation of $\pm 50\%$.



TREM WS 500

Advanced Hybrid weather sealant

A single component advanced hybrid sealant with good mechanical resistance and adhesion to most common porous and non-porous building substrates with a movement accommodation of $\pm 50\%$.



TREMCO PU520

Construction sealant

A one-part, non-sagging sealant based on advanced polymers for use in precast concrete joint sealing applications. Having a movement accommodation of $\pm 50\%$.

BONDING FOR INSULATION GLASS UNITS

Sealants & glazing tapes developed to compliment the production of IG units and structural glazing systems.



TREMCO JS680

Butyl Inner Sealant

A primary sealant for dual seal IG units that provides the main moisture vapour barrier and is fully compatible with Tremco secondary sealants. It has excellent adhesion to glass, aluminium, plastic and galvanized steel spacer bars.



TREMCO JS442 / JS443

Polyurethane Sealant

A high performance, two-component, mercury-free, polyurethane secondary sealant (Part B Liquid or Paste-High Viscosity). It is solvent free and highly thixotropic. It adheres to glass, aluminium and galvanized steel.



TREMCO JS562

Two Component Silicone Sealant

A two part silicone developed as a secondary sealant for insulating glass (IG) unit manufacture in structural silicone glazing (SSG) applications and other critical areas requiring outstanding UV resistance.



TREMCO JS562 HD

Two component Silicone IG Sealant for Gas filled Units

A high performance, two component silicone developed as a secondary sealant for gas-filled IG units, to be used in combination with PIB primary sealants in structural silicone glazing (SSG) applications and other critical areas requiring outstanding UV resistance.

OTHER COMPLEMENTARY SEALANTS & ADHESIVES

Certified solutions for sealing, bonding and weatherproofing window and façade systems.

Sustainable, high-quality solutions from illbruck help to lower energy consumption and contribute to a healthy living environment. The products are regularly checked by independent materials testing institutes for performance, durability, safety and adherence to low emission standards.



DYMONIC 100

High Performance PU sealant

Dymonic® 100 is a high-performance, high-movement, single-component, medium-modulus, low-VOC, UV-stable, non-sag polyurethane sealant. Movement capability +100 -50%



DYMONIC FC

High Performance Fast Curing Hybrid sealant

Dymonic® FC is a high-performance, fast-curing, single-component, low-modulus, hybrid sealant, formulated with proprietary silane end-capped polymer technology.



VULKEM 445SSL

Semi-Self-Leveling, Multi-Component, PU Sealant

A high strength hybrid construction adhesive with instant grab, making it ideal to bond most common construction materials such as metal, concrete, stone, tile, ceramic, timber, and mirrors. It is also resistant to heat, fire and water.



CA150 ADHESIVE

EPDM Membrane Adhesive

CA 150 viscous adhesive for the bonding of ME220 EPDM membranes, particularly in waterproofing applications. CT113 is compatible with surfaces such as wood, metal, masonry and other building materials



ILLBRUCK CT113

EPDM Membrane Adhesive

CT113 is a viscous liquid adhesive developed for the bonding of ME220 EPDM membranes, particularly in façade applications. CT113 is compatible with surfaces such as wood, metal, masonry and other building materials.



ILLBRUCK OT015

High Tack Membrane Adhesive

OT015 is used for bonding ME220 Elastomeric EPDM Membrane to itself & to typical construction substrates such as aluminium, metal, zinc plated metal, wood, PVC-U, and other non-porous materials.



ILLBRUCK SP350

Fix & Seal High Tack

A high strength hybrid construction adhesive with instant grab, making it ideal to bond most common construction materials such as metal, concrete, stone, tile, ceramic, timber and mirrors. It is also resistant to heat, fire and water.



LD 750

Siliconized acrylic sealant (Acoustic rated & Antifungal)

Tremco LD750 is an excellent all-purpose acrylic sealant formulated to provide a fast-setting pliable seal with minimal shrinkage.



GS205

Antifungal Silicone sealant

Tremco GS205 is a single component antifungal acetoxy silicone sealant. It cures to a flexible rubber when exposed to moisture present in air.

ILLBRUCK WEATHER SEALING SOLUTIONS



ILLBRUCK TP600

Compriband 600 / illmod 600

TP600 is a soft and flexible open cell polyurethane foam tape, impregnated with an acrylic based, UV stabilized resin. The resin is a water repellent and contains a fire retardant.



ILLBRUCK ME220

EPDM Membrane

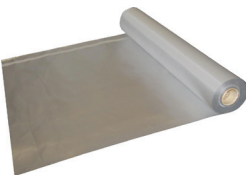
ME220 EPDM membrane is used for weather sealing the connecting joint between a window or a façade & an adjacent structure, or to provide an internal air-tight barrier in a similar detail.



ILLBRUCK ME010

Façade UV and Fire Breather Membrane

ME010 is a permanently UV stable specially coated polyester based, airtight, watertight and vapour permeable membrane that is compliant with the regulatory requirements of Approved Document B, Part B4 Regulation 7 making them highly suited to use on "Relevant Buildings."



ILLBRUCK ME065

A2-Membrane Pro Air and Vapour Control

ME065 is a laminated, foil faced glass fibre reinforced air and vapour control membrane with a reaction to fire classification of A2-s1, d0 to EN 13501-1.



WINDOWS & FACADE

MIDDLE EAST
PROJECT REFERENCES

ONE ZABEEL DUBAI, UAE

CLIENT:

Ithra Dubai L.L.C

CONSULTANT:

WSP

MAIN CONTRACTOR:

ALEC

FAÇADE CONTRACTOR:

Alabbar Aluminium

TREMCO PRODUCTS USED

- ✓ SG200 Proglazell
- ✓ SG 500
- ✓ SG 635
- ✓ SP 350
- ✓ TN 111
- ✓ ME 220
- ✓ OT 015



MUSEUM OF THE FUTURE DUBAI, UAE

CLIENT:

Dubai Future foundation

CONSULTANT:

Burohappold Engineering

MAIN CONTRACTOR:

BAM Higgs & Hill

DEVELOPER:

Meraas Holding

ARCHITECT:

Killa Design

TREMCO PRODUCTS USED

- ✓ SG 200 Proglaze II
- ✓ SG 300, Spectrem 2
- ✓ SG 555, SG 5



LUSAIL TOWER QATAR

CLIENT:

Qatari Diar

CONSULTANT:

DAR

MAIN CONTRACTOR:

Hyundai Engineering & Construction

FAÇADE CONTRACTOR:

Alutec Qatar

TREMCO PRODUCTS USED

- ✓ SG200 Proglazell
- ✓ SG 635
- ✓ SG 450
- ✓ ME 220
- ✓ CA 150



BURJ KHALIFA DUBAI, UAE

CLIENT:

EMAAR Properties

CONSULTANT:

Skidmore Owings & Merrill

MAIN CONTRACTOR:

Samsung C&T/ Arab Tec/Besix

TREMCO PRODUCTS USED

- ✓ Proglaze II
- ✓ SGT 9200
- ✓ Dymeric 240 FC
- ✓ Dymonic



DUBAI INTERNATIONAL AIRPORT SHEIKH RASHID TERMINAL DUBAI, U.A.E.



CLIENT:

Dubai Civil Aviation

ARCHITECT/CONSULTANT

Bochtel International

DATE OF COMPLETION

May 2000

MAIN CONTRACTOR

Al Habtoor-Murray Roberts (JV)

CURTAIN WALL CONTRACTOR

Al Abbar Aluminium

TREMCO PRODUCTS USED

- ✓ Spectrem 1
- ✓ Spectrem 2
- ✓ SGT 920 Tape
- ✓ Tremsil 500
- ✓ EPDM Gaskets

SPECIAL PROJECT FEATURES

Over 130 kms of sealant joints.

OTHER INFORMATION

Tretoshield 218 used for waterproofing of marble and granite panels. Dymeric and THC 900 used for floor joints. Fyresil smoke seals.

HAMAD INTERNATIONAL AIRPORT EXTENSION QATAR



CLIENT:

QCAA

CONSULTANT

Dar Al Handasah

MAIN CONTRACTOR

Midmac Contracting

SUB-CONTRACTOR:

Doha Steel projects

TREMCO PRODUCTS USED

- ✓ TREM WS 500
- ✓ SPECTREM 2

BAHRAIN CITY CENTRE MANAMA, BAHRAIN

CLIENT:

City Centre

ARCHITECT

Architectural Consulting Bureau

DATE OF COMPLETION

Spring 1995

CURTAIN WALL CONTRACTOR

Aluminium Services, Bahrain

STRUCTURAL BONDING

Completed by Zamil Glass Industries, Dammam, Saudi Arabia.

TREMCO PRODUCTS USED

- ✓ Proglaze II
- ✓ Spectrem 2
- ✓ SGT 920 Tape

SPECIAL PROJECT FEATURES

4-sided structural glazing.



EMIRATES TOWERS HOTEL SH. ZAYED ROAD, DUBAI, U.A.E.

CLIENT:

HRH General Sheikh Mohammed Bin Rashid Al Maktoum (Crown Prince of Dubai)

ARCHITECT

Norr Group Consultants

DATE OF COMPLETION

April 2000

MAIN CONTRACTOR

Besix - Ssangyong JV

CURTAIN WALL CONTRACTOR

Al Abbar Aluminium

TREMCO PRODUCTS USED

- ✓ Proglaze II
- ✓ Dymeric
- ✓ Gaskets
- ✓ Tremsil 500
- ✓ Dymonic
- ✓ Spectrem 2
- ✓ SGT 920 Tape

SPECIAL PROJECT FEATURES

2-sided structural glazing - unitized system.



BURJ AL ARAB JUMEIRAH, DUBAI, U.A.E.

CLIENT:

HRH General Sheikh Mohammed Bin Rashid Al Maktoum
(Crown Prince of Dubai)

ARCHITECT

W S Atkins & Partners (Overseas)

DATE OF COMPLETION

September 1999

CURTAIN WALL CONTRACTOR

Al Abbar Aluminium

TREMCO PRODUCTS USED

- ✓ Proglaze II
- ✓ Dymonic
- ✓ Tremsil 500
- ✓ SGT 920 Tape
- ✓ Spectrem 2
- ✓ TREMstop
- ✓ Dymeric
- ✓ Gaskets



KINGDOM TRADE CENTRE RIYADH, SAUDI ARABIA

CLIENT

HRH Al Walid B

MAIN CONTRACTOR

El Seif Engineering & Contracting

ARCHITECT/CONSULTANT

Bechtel / Omrana & Associates

ALUMINIUM FABRICATOR

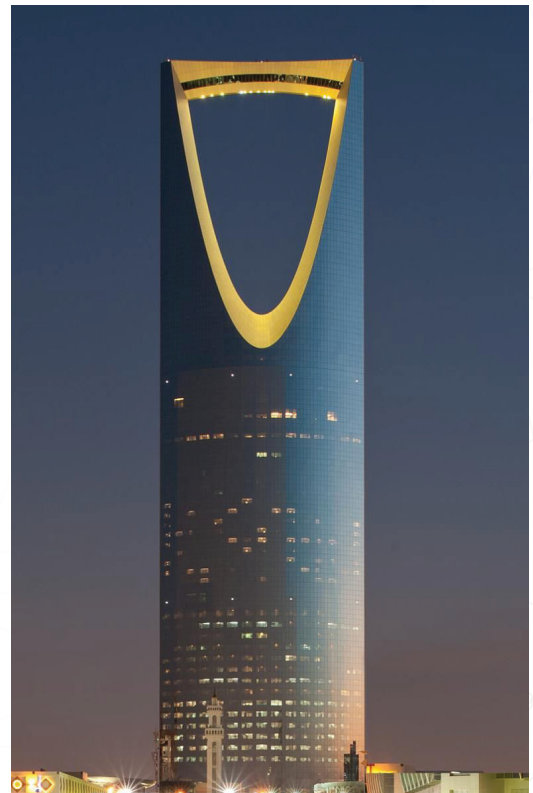
Gotz (Middle East)

DATE OF COMPLETION

September 2002

TREMCO PRODUCTS USED

- ✓ Proglaze II
- ✓ Dymonic
- ✓ JS 562
- ✓ THC 900
- ✓ TREMCO Firestopping
- ✓ TREMCO Acoustical Sealant





Construction Products Group

***The strongest building envelope on the market, from the only group
providing industry-leading brands in every category***

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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