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PRODUCT CATALOGUE FOR PROFESSIONALS



TREMCO ILLBRUCK 80 YEARS OF RELIABLE SEALING



Tremco illbruck was created from the merger of Tremco's European Sealant and Weatherproofing Division with illbruck Sealant Systems in September 2005. This powerful combination gives Tremco illbruck a leadership position in the sealants, glazing, waterproofing, flooring and passive fire protection markets throughout Europe, Middle East and Africa. Strong premium brands such as **Tremco**, **illbruck**, **Nullifire**, **Vulkem** and **TREMstop** stand for innovative, reliable products and unrivalled services.

Meeting the demands of professional users for over 80 years as one of the leading manufacturers of advanced technology based sealing systems.

Silicone, Polyurethane, Acrylic & Hybrid Sealants

Industrial Adhesives & Chemical Anchors

Sealing Tapes, Gaskets, Membranes & Foils

Deck Coating & Waterproofing Systems

Passive Fire Protection

TREMCO ILLBRUCK
ICONIC PROJECTS





Iconic Projects

Opera House, Sydney, Australia

A multi-venue performing arts centre located in Sydney Harbor, New South Wales, Australia

- Dymeric 240, Dymonic

Burj Al Arab, Dubai, United Arab Emirates

A luxury hotel standing on an artificial island 280m out from Jumeirah beach, Dubai

- Proglaze II, Spectrem 1, Spectrem 2, SG 920, Tremsil 500, Dymeric 240, Dymonic, Fyre-Sil & Gaskets

Louvre Museum, Paris, France

Historic monument and most visited art museum in the world

- Proglaze II, SG 920 & Tremsil 500

TREMCO ILLBRUCK SUSTAINABILITY / GREEN BUILDING

Innovative Hybrid Sealant & Adhesive Range

Green Alternative

- Isocyanate free, solvent free and virtually odourless
- Safe to use and sensitive to the environment
- Non-hazardous waste

High Performance

- Excellent resistance to UV light & weathering
- Highly flexible with high strength options

Multi Applications

- Suitable for internal and external use
- Compatible with a wide range of substrates
- Over paintable





At Tremco illbruck, we understand the critical impact that Sustainable Design and Green Building can have on our world.

We also realise that to have an impact as a supplier to the construction industry, we must make it part of our Company's Vision to provide building design solutions which achieve social and environmental objectives whilst providing economic balance. Therefore, it is our Mission to develop sustainable solutions that create value for our customers through innovative product performance, increased application efficiencies and life-cycle operational savings.

Sustainability is at the very core of our business



As part of Tremco illbruck's commitment to helping promote sustainable design, we have created standard documentation ("LEED Letters") with all the basic information needed relating to our products for all LEED, or equivalent systems applicable to your project.

Tremco illbruck has devoted extensive efforts to the development of products that meet or exceed even the most stringent VOC (Volatile Organic Compounds) Regulations currently in place or projected to be implemented over the next few years.

TREMCO ILLBRUCK
COMPREHENSIVE PRODUCT RANGE





The development and manufacture of Tremco illbruck sealing materials has been evolving continuously for over 80 years, producing everything from foams to sealants and tapes to adhesives, to meet the ever changing needs of modern construction and environmental demands.

The most important feature of our products: Functionality

Tremco illbruck's prime focus is to exceed customer expectations with products fit for purpose, based on using the right technology for the right application. This has resulted in the development of the most comprehensive range of sealant and waterproofing products with functionality at their core.

PRODUCTS LIMITLESS POSSIBILITIES



Silicone Sealants

General Purpose Sanitary Sealant | GS 200

General purpose, acetic acid curing, silicone sealant. Cures rapidly to form a permanently flexible and extremely durable watertight seal for sanitary applications. Ideal for bathrooms, shower rooms and kitchens.



High Performance Acetoxy Sealant | GS 300

High performance silicone for construction, glazing and engineering applications including expansion joints in metal and glass cladding. Not suitable for structural glazing applications due to Acetoxy cure system.



Weather Sealing Façade Sealant | FS 500

Premium neutral curing silicone sealant with excellent adhesion to most porous and non-porous substrates. Capable of continuous performance between $\pm 50\%$ of the original installed joint width. Ideal for weather sealing curtain wall applications.



Weather Sealing Façade Sealant | FA 600

Neutral curing silicone sealant with glossy finish designed for sealing window and door perimeters and general purpose sealing in building façades. Also contains fungicide for sanitary applications.



PRODUCTS

LIMITLESS POSSIBILITIES



Silicone Sealants

Façade Sealant | Spectrem 1

Ultra low modulus silicone with exceptional physical properties make it an ideal sealant for sealing the most demanding dynamically moving joints. This includes material having a high coefficient of linear expansion such as aluminum curtain walls, precast concrete panels and metal panels.



Façade Sealant | Spectrem 3

Formulated to offer exceptional physical properties, making it ideal for sealing dynamically moving joints. This patented formula provides high performance capabilities and the unique ability to apply in bulk over a broad temperature range with extended tooling time.



Structural Façade Sealant | SG 300 Spectrem 2

Suitable for both sealing and glazing applications, including cap beads, toe beads, heel beads and other typical air seals. It is particularly appropriate as a weather seal and tensile bead in two-sided structural glazing systems and ideal for sealing joints within the curtain wall systems.



Premium Structural Façade Sealant | Proglaze SSG

Single component designed to meet the stringent needs for performance glazing. Whether it is a two or four-sided conventional structural glazing, hurricane protocol, or bomb blast mitigation, Proglaze SSG will perform in the most demanding structural silicone applications.



PRODUCTS

LIMITLESS POSSIBILITIES



Glazing Sealants

Structural Glazing Sealant | SG 200 Proglaze II

High performance, two-component, neutral curing silicone sealant, developed specifically for in-plant structural glazing applications. Passes the requirements for silicone structural glazing as specified in ETAG 002 part 1.



Structural Insulated Glass Sealant | JS 562

High modulus, two-component, elastomeric, neutral curing silicone sealant specifically developed for in-plant IG unit manufacturing especially in structural glazing applications. Complies with ETAG 002 part 1.



Polyurethane Insulated Glass Sealant | JS 442

Highly elastic, two-component, fast curing polyurethane sealant specifically designed for in-plant IG unit manufacturing. Conforms to EN 1279-2, 3 and 4.



Insulated Glass Primary Butyl Sealant | JS 680

Primary butyl sealant for dual seal IG systems. Fully compatible with JS562 silicone sealant and JS442 polyurethane sealant. Non-fogging, 100% solids. Retains flexibility over a wide temperature range.



PRODUCTS LIMITLESS POSSIBILITIES



Acrylic & Butyl Sealants

Siliconized Interior Acrylic Latex Sealant | Tremflex 834

Easy gunning, non-staining, high quality sealant formulated to offer exceptional flexibility. Tack-free in 15 minutes and ready to paint in 30-45 minutes with latexes or oil-based paint. Tested for acoustical properties to reduce sound transmissions when constructing partition walls.



General Purpose Acrylic Sealant | LD 730

General purpose acrylic sealant. Ideal for filling and sealing small cracks and gaps throughout building interiors. Over paintable with wide range of paints. Contains fungicide, inhibits mould growth.



Non-Setting Butyl Sealant | JS 770 CWS

One-part, non-drying, non-setting sealant exhibiting long life and excellent adhesion in non-exposed joints. Designed for sealing metal to metal unexposed curtain wall joints to prevent air and moisture infiltration.



Sound Dampening Sealant | Acoustical Sealant

Developed for acoustical sealing of drywall partitions, corridors and party walls. Also used as a lap joint and perimeter sealant for polyethylene vapor barriers over fiber glass batt or other insulations. May be used in contact with polystyrene.



PRODUCTS

LIMITLESS POSSIBILITIES



Polyurethane Sealants

Multi-Part General Purpose Sealant | Dymeric 240

General purpose sealant that provides flexible, long life and durable waterproofing for construction projects. Gun grade, multi-component, polyurethane sealant that includes a tintable base, curative packet and choice of over 70 colours.



Jet-Fuel Resistant Polyurethane Sealant | Vulkem 202

Two-component, jet-fuel resistant, tar-modified, self-leveling polyurethane sealant. Ideally suited for sealing concrete joints in airport runways, concrete highways and other areas that may be subject to fuel spillage.



Elastomeric Waterproofing | Tremproof 201/60

Modified polyurethane waterproofing membrane. One-part elastomer available in three viscosities: Self-Leveling, Roller and Trowel. Designed for use on backfilled walls and may be used in split slab applications, primarily on concrete and masonry.



Trafficable Polyurethane Sealant | THC 900/901

Self-leveling joint sealant for use in any traffic rated horizontal expansion or control joint. Gun grade, multi-component, polyurethane sealant that includes a tintable base, curative packet, and a choice of over 70 colours.



PRODUCTS

LIMITLESS POSSIBILITIES



Polyurethane Sealants

Expansion Joint Sealant | Dymonic

High-performance, low-modulus, moisture-curing, polyurethane joint sealant. Movement capability of $\pm 25\%$ of the original joint width, making it ideal for dynamically moving joints. Available in 16 standard colours.



Trafficable Polyurethane Sealant | Vulkem 45

One-component, moisture cure, polyurethane sealant. Self-leveling and is traffic-rated for both pedestrian and vehicular traffic. Excellent primerless adhesion to concrete, brick, and some large aggregate asphalt pavements.



Fast Curing Expansion Joint Sealant | Dymonic FC

Low-modulus, moisture-curing, polyurethane hybrid sealant. Formulated with proprietary silane end-capped polymer technology. Dymonic FC provides the best performance characteristics of polyurethane and silicone sealants.



Expansion Joint Sealant | Vulkem 116

One-part, moisture-curing, gun-grade polyurethane sealant. Durable, flexible, and offers excellent performance in dynamic joints. Also suitable for certain water immersion applications and rated for movement capability of $\pm 25\%$ of the original joint width.



PRODUCTS LIMITLESS POSSIBILITIES



Hybrid Sealants & Adhesives

Crystal Clear Hybrid Sealant/Adhesive | SP 030

Transparent, fast curing adhesive-sealant based on Tremco illbruck's SP hybrid formulation. It cures rapidly to provide a flexible, crystal clear seal. Ideal for use in the sealing/bonding of glass elements in a wide range of interior applications.



Hybrid Sealant/Adhesive | SP 050

Hybrid technology, specially formulated for bonding metal surfaces such as aluminium, steel, copper, brass. A green alternative to traditional polyurethane adhesives - does not contain solvents or isocyanates and is very low odour.



Hybrid Sealant/Adhesive | SP 060

Powerful high tack hybrid adhesive with very high initial grab and rapid development of final bond. Bonds almost any typical construction material including masonry, timber, polystyrene, metals, plastics and ceramics.



Hybrid Joint Sealant | SP 525

One component, non-sagging, low modulus elastomeric sealant based on Tremco illbruck's SP hybrid polymer formulation. Recommended for construction sealing as well as for sealing of windows and door perimeter joints. It can be used for exterior and interior applications.



PRODUCTS

LIMITLESS POSSIBILITIES



Primers

Polyurethane Porous Primer | Primer No. 1

Quick drying, one-part, moisture curing primer that seals concrete, plywood and other porous substrates where Tremco urethane sealants, membranes or coatings will be applied.



Polyurethane Porous Primer | Vulkem Primer No. 171

Quick drying, one-part, moisture curing primer that seals concrete, plywood and other porous substrates where Vulkem® urethane sealants, membranes or coatings will be applied.



Silicone Metal Primer | Primer No. 10

One component primer used to enhance the adhesion of Tremco Silicone sealants to non-porous surfaces such as metal and plastics.



Silicone Porous Primer | TREMprime Silicone Porous Primer

One component primer used to enhance the adhesion of Tremco Silicone sealants to porous surfaces such as concrete and limestone.



PRODUCTS

LIMITLESS POSSIBILITIES



Adhesives

EPDM Paste Adhesive | OT 015

Specially formulated high tack adhesive for bonding ME 220 EPDM Membrane to itself and to typical construction substrates such as aluminium, metal, zinc plated metal, wood, PVC-U, and other non-porous materials.



EPDM Contact Adhesive | CT 113

Synthetic rubber based contact adhesive with high viscosity. Developed for the bonding of ME 220 EPDM Membrane to typical construction substrates such as concrete, metal, wood and other porous materials.



PU Foam Masonry Adhesive | PU 700

High quality adhesive based on modified polyurethanes. Developed for bonding bricks, blocks, natural stone and similar building materials. Can be used in many industrial as well as construction applications. Excellent long-term resistant to weathering, water, sea water, acids and solvents.



Hybrid Spray Adhesive | MS 45

Sprayable, moisture curing, permanently elastic one-component adhesive/sealant based on MS-hybrid-polymer technology. Designed for bonding common construction materials such as aluminium, steel, wood over large surface areas.



PRODUCTS

LIMITLESS POSSIBILITIES



Adhesives

Multi-Purpose Gap Filling Adhesive | PL 400

Multi-purpose industrial strength adhesive suitable for bonding common construction materials such as aluminium, galvanised steel, wood, fibreglass, concrete, stone, rigid PVC and mirrors.



Solvent-Free Gap Filling Adhesive | PL 600

Water-based, solvent-free, adhesive suitable for bonding common construction materials such as aluminium, galvanised steel, wood, fibreglass, concrete, stone, rigid PVC and mirrors. Also suitable for Polystyrene.



General Purpose Chemical Anchor | FX 120

Two-component styrene free injection system ideal for anchoring threaded bars and sockets into concrete and most common building materials including hollow masonry.



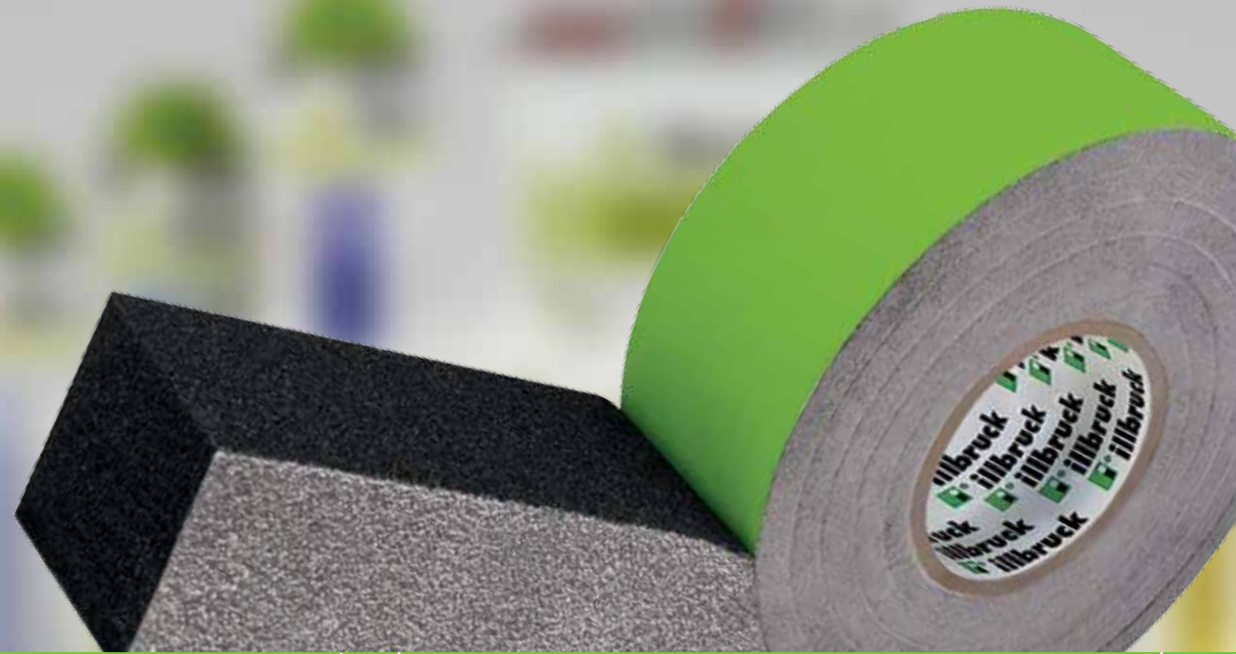
High Strength Chemical Anchor | FX 130

Heavy duty, two-component, ETA approved, vinylester styrene free injection system specially formulated for anchoring threaded bars, reinforcing bars (rebars) and sockets into concrete and most other common building materials.



PRODUCTS

LIMITLESS POSSIBILITIES



Tapes & Membranes

Structrual Glazing Tape | SG 920

Closed cell, high density, double-sided adhesive PVC foam tape with micro-cellular structure. Specifically developed for use in accordance with structural glazing façade systems. Available in a variety of widths and thicknesses.



Impregnated Joint Sealing Tape | TP 600

Soft and flexible open cell polyurethane foam, impregnated with an acrylic based, UV stabilised resin. The resin is water repellent and contains a fire-retardant. Offers excellent thermal insulation properties and weather tight against the most severe wind and rain.



Trim Mounting Tape | TN 111

Double-sided foam tape that utilises 100% closed cell polymeric foam, coated with a high tack pressure sensitive adhesive system. Available in a variety of sizes.



High Performance Sealant Tape | ME 402

High performance sealant tape consisting of a quality plastoelastic butyl rubber adhesive / sealant applied to one side of an aluminised polyester film. Weather and UV resistant. Highly impermeable to water vapour and other gases. Available in various widths.



PRODUCTS LIMITLESS POSSIBILITIES



Tapes & Membranes

IG Primary Butyl Sealant Tape | JS 780 1.5mm Round

Pre-extruded primary butyl sealant tape for dual seal IG systems. Fully compatible with JS562 silicone sealant and JS442 polyurethane sealant. Non-fogging, 100% solids. Retains flexibility over a wide temperature range.



EPDM Membrane | ME 220

Used for weather sealing the exterior side of the connecting joint between a window or façade construction and an adjacent structure (eg. wall, concrete panel, steel frame, etc). Excellent weathering, ageing and UV radiation resistance.



Polyethylene Foam Backer Rod | Backer Rods

Soft, pliable, non-gassing, closed cell polyethylene foam backing material. Insert into an expansion or contraction joint to control sealant depth, create a backstop to allow proper sealant tooling and ensure sealant adhesion to joint surface only.



Silicone & EPDM Glazing Extrusions | Gaskets

Tremco Dense Rubber Extrusions are fabricated into gaskets and accessories (such as setting blocks, spacers and shims) for use in sealing and glazing applications in building construction. Custom colour matching is available in Silicone Extrusions.



PRODUCTS LIMITLESS POSSIBILITIES



Fire Stopping

Fire Resistant Acrylic Sealant | TREMstop Acrylic

Gunnable acrylic latex sealant designed for use in firestop applications, including both joints and through-penetrations. For use on metal pipe, cables, ducts, static joints and dynamic joints in fire-rated concrete, wood floor/ceiling and gypsum wall assemblies.



Fire Resistant Acrylic Sealant | TREMstop Acrylic Spray

Sprayable acrylic latex sealant designed for use in firestop applications, including both joints and through-penetrations. For use on static joints and dynamic joints in fire-rated concrete, wood floor/ceiling and gypsum wall assemblies and perimeter fire barrier joints.



Fire Resistant Intumescent Acrylic Sealant | TREMstop IA+

High-performance, single-component, water-based firestop sealant that will expand to fill the voids left when combustible materials burn and deteriorate in a fire. Advanced performance capabilities make TREMstop IA+ a best in class intumescent acrylic.



Fire Resistant Silicone Sealant | TREMstop Fyre-Sil

Gun-grade, neutral-cure silicone sealant designed for use in firestop applications. When installed in accordance with a tested firestop system, it affords code compliance for both through-penetrations and fire-rated joints.



PRODUCTS LIMITLESS POSSIBILITIES



Fire Stopping

Fire Resistant Acrylic Sealant | TREMstop Smoke & Sound

High-performance acrylic sealant formulated to provide a pliable seal with minimum shrinkage that affords code compliance when used on smoke rated partitions. Reduces the Sound Transmission Characteristics (STC) of interior walls, ceilings and floors.



Fire Resistant Wrap Strip | TREMstop SuperStrip

Easy to install, flexible intumescent wrap strip. Designed for use with plastic pipe penetrations through fire-rated floors and walls. Combine TREMstop SuperStrip with TREMstop Fyre-Sil to create a water-tight seals.



Fire Resistant Mortar | TREMstop Fire Mortar

Fire resistive microsilica compound used to close large annular spaces to make a through penetration easier to treat with a tested firestop system. Provides high fire resistance, an excellent thermal insulation barrier and high impact resistance.



Fire Resistant Blanket | TREMstop FS Blanket

Strong, lightweight, needled blanket of bio-soluble fibers. An inorganic product that exhibits no smoke generation or outgassing in service. Contains a bio-soluble fiber insulation developed from a calcia, magnesia, silica chemistry to provide thermal insulation.



PRODUCTS LIMITLESS POSSIBILITIES



Fire Stopping

Water-borne Intumescent Acrylic Sealant | M 701

One-part joint sealant based on emulsion acrylic with up to 5 hours fire resistance. Suitable for low movement internal joints. For use in providing a perimeter seal around partitioning and service penetrations.



Solvent-Free Fire Resistant Silicone Sealant | M 703

Neutral curing, silicone sealant with up to 5 hours fire resistance. Accommodates up to 50% movement. Ideal for joints in compartment walls or gaps between frames and structures. Asbestos and halogen free. Resistance to mould, fungus and vermin attack.



Fire Rated Polyurethane Foam | FF 177

Modified, single component, polyurethane foam with a fire rating of up to 4 hours used to seal linear gaps. Excellent adhesion to a wide range of construction materials including masonry, stone, timber, metal and plastics.



Fire Resistant Glazing Tape | Pyrosil B

Self-adhesive glass fibre tape bound with an organic bonding agent and coated with an acrylic adhesive strip on one side. Suitable for use on glazing in fire-resistant constructions. Asbestos free. Available in a variety of sizes.



PRODUCTS LIMITLESS POSSIBILITIES



Deck Coating Systems

Polyurethane Basecoat | Vulkem 350 NF

A single-component, fast-curing, low-odor polyurethane basecoat that possesses tenacious adhesion primarily to clean and dry concrete, but also to wood and metal.

Polyurethane Basecoat | Vulkem 360 NF

Recommended basecoat for use with Vulkem 950 NF and Vulkem 951 NF. A low odor V.O.C. compliant, water-cured, rapid-setting polyurethane basecoat that possesses tenacious adhesion to clean dry concrete, wood and metal.



Polyurethane Topcoats | Vulkem 950 NF / 951 NF

Both topcoats are high-performance, Neighbor-Friendly, two-part polyurethane coatings for vehicular (heavy duty) and pedestrian (medium duty) applications where low-odor and extremely durable coatings are desired. These topcoats are applied over a cured Vulkem basecoat.

Vulkem 950 NF Topcoat can be used both as an intermediate coat for the Tremco heavy duty system and a topcoat for interior applications. Vulkem 951 NF is a low-odor topcoat designed for exterior applications and for use over Vulkem 950 NF in heavy duty applications.



TREMCO ILLBRUCK UNIQUE PROFESSIONALISM



Excellence in Technical Support

Tremco illbruck's experienced team of technical sales executives are thoroughly trained in all aspects of product properties, performance, applications and user requirements.

On-site evaluation and expert assistance are all part of the Tremco illbruck technical support service.

Tremco-illbruck provide comprehensive adhesion and compatibility testing of products against substrates and other related components, ensuring customer peace of mind that the products specified are fully suitable for the project, especially for the long term.

Efficient Customer Service

Our customer service unit is available to give guidance and advice, as well as handling orders promptly.

Products are manufactured to the best possible lead times and delivered in the shortest time available from dedicated manufacturing units supported by locally based warehousing and distribution centres.

Tremco illbruck customer service will work with you from initial enquiry to delivery, ensuring you are fully updated throughout the order and supply chain.

