

Bonding & Sealing

Product Range



illbruck adds perfection.... to all your sealing and bonding projects. Whether it be windows, façades, interiors or exteriors, a major construction scheme or a minor refurbishment job - we offer the right set of products, services and expertise to lessen your workload and improve the overall climate of buildings. Making it perfect.

illbruck products ensure sustainable, top quality solutions. They meet all relevant government requirements, 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. This has resulted in numerous seals of approval for the different products as well as for the company.

illbruck is a brand of tremco illbruck, a European manufacturer and service provider of high performance building materials.



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For the latest updates and product information, visit our website www.illbruck.com



The faster way to the right solution

Colours and shortcuts identify each product

illbruck has expanded its product range. From now on, you can find everything you need for sealing and bonding windows, façades, interiors and exteriors – all under one name: illbruck.

Colour-coding makes it easier to find the product you need: Each application field has its own colour scheme and each technology its own shade of colour within this scheme. The colour code is always the same: in this catalogue, on the product or in all promotional materials! As before, the technologies continue to be identified by a combination of letters (as part of the shortcut).



Service and Support

Quick assistance when you need it

Targeted services provide answers to all your questions - quickly, simply and for every phase of your project. Use the following overview to find the right service point for your queries.



Website

The illbruck website has been restructured for faster access to all products. Moreover, it offers support in product selection, a continually growing range of best practice studies, and access to both digital and personal service.



Literature

Clearly presented literature and product datasheets provide all the technical information you need for each specific product. These are available in printed format or can be downloaded from our website.



Specification Services

The illbruck team can assist with specification writing including NBS Clauses. As members of NBS Plus, architects can easily incorporate illbruck products into their specifications with NBS Writer.

Training

illbruck Assured training prepares you for the regular workday. Learn how to apply illbruck products professionally and efficiently. Discover new technologies and solutions. Benefit from the knowledge of our experts. Our product consultants can give you dates of our training courses and CPDs.

Consulting & Planning

When faced with complicated projects, you can turn to a team of experts for independent and detailed specification support.



Customer Service & Support

Calling our Customer Services department will put you in direct contact with experienced experts. Since we strongly believe in personal communication, we invest in our face-to-face services in order to better serve your needs.



Europe-Wide Manufacturing

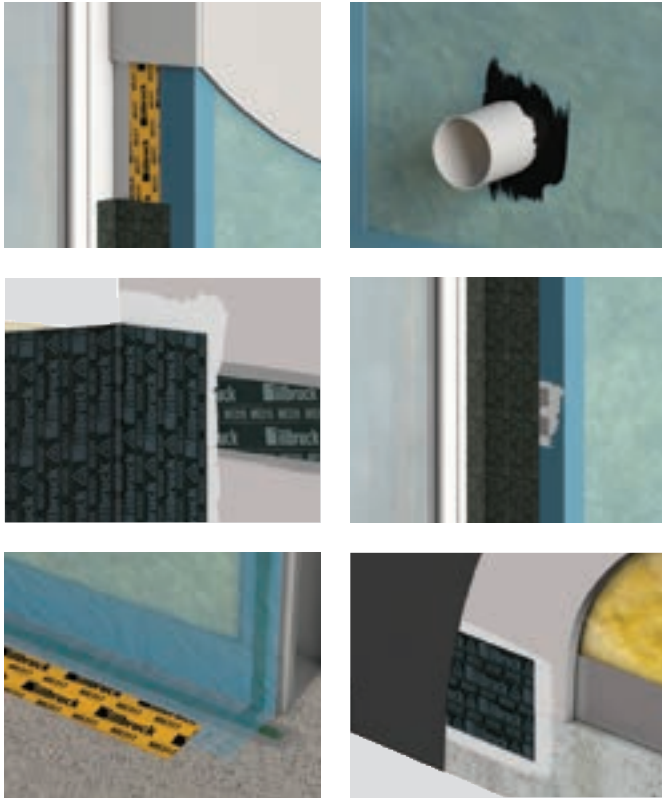
tremco illbruck are experts in sealing, bonding and coating – for construction and industrial applications. Our 29 locations and 9 production facilities means we're never far from our customers.



For the latest updates and product information, visit our website www.illbruck.com



Building Protection Range



tremco illbruck is well-known for its site support and service levels. Through our on-going on-site 'toolbox talks' to customers and site visit reports, along with adhesion and chemical compatibility testing – it is clear that incompatibility between products from multiple sources can be a problem.

The illbruck Building Protection Range solves the problem. A range of products that are fully compatible with one another from inside to outside (see page 18 for full compatibility table). The inter-compatibility stretches from the adhesives bonding to the membranes and tapes, membranes bonding to membranes and also includes adhesion to common construction materials. illbruck products are endorsed by many market leading material suppliers.

Common problems we solve:

- Window membrane to breather membrane compatibility
- Window membrane to vapour barrier compatibility
- Vapour barrier tape to window membrane
- Breather membrane tape to window membrane
- Vapour barrier to floor, ceiling and walls
- Bonding to sheathing board tapes
- Tape compatibility to sheathing board, vapour barrier and breather membrane
- Adhesive to adhesive compatibility
- Bonding to damp sheathing board



To see our Building Protection Range Brochure, visit our website www.illbruck.com

Airtight Solutions for the Building

<p>Inside Vapour Barrier Vapour Barrier Tapes Adhesives</p>	<p>Window Membranes Adhesives</p>	<p>Outside Sheathing Tapes Breather Membranes BM Tapes Adhesives</p>
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Complete Protection for the Building





illbruck Membranes & Tapes

High Performance Window & Façade Systems Intelligent Seals for Airtight Internal & Weather-tight External Joints

As building regulations change, new solutions and practices are required. The problem of uncontrolled air leakage from buildings has grown in recognition with the amendments to Part L in 2006, 2010 and 2013, requiring energy reduction targets to be addressed and the incorporation of mandatory air leakage testing.

Highly energy efficient windows are now invariably specified and to maximise this investment, tremco illbruck offer a range of products to ensure that the benefits arising from such selection are complemented by a high quality installation. The illbruck i3 system enables performance to the highest standard and will restrict air leakage to below $1 \text{ m}^3/\text{hr.m}^2 @ 50 \text{ Pa}$, ensuring compliance with Passive House standards.

illbruck offer a complete range of intelligent membranes and impregnated tapes to provide high performance window and façade installations.

By selecting the appropriate products, a simple, cost effective installation will benefit the building owner / occupier for years to come and the long-term savings can be enjoyed by all.

Impregnated Foam Tapes

- Brand Leader - the original and proven to be the best performing tapes in the market
- Premium weather sealing
- 25+ years life expectancy
- 20+ years real life testing
- Guaranteed UV stability
- Wide range of sizes for joint widths of 2 to 50 mm

Intelligent Membranes

- 600 Pa weather and airtightness
- Variable vapour permeability
- Multiple installation methods to suit design and application requirements

EPDM & Butyl Membranes

- Water tight
- Airtight
- Suitable for permanent exposure



Want more information?
Visit the download centre to access the
Windows & Façades Range Brochure
at www.illbruck.com

Pressure Sensitive Foam Tapes

A Range of Double and Single Sided, Self-Adhesive Foam Tapes

Illbruck Pressure Sensitive Foam Tapes are manufactured in Colchester - one of the Tremco Illbruck manufacturing centres of excellence. The factory specialises in the manufacturing of a wide variety of single and double sided foam tapes utilising pressure sensitive adhesives.

These tapes are used in many industries: automotive manufacture, construction, engineering and a wide variety of specialist applications. Our manufacturing site has a large range of conversion facilities to manufacture every type of adhesive format including rolls, spools, die cuts, and sheets. We are a customer focussed business able to offer off the shelf products in a timely fashion and also tailor made products to meet customer's requirements in more exacting or specific applications.

Pressure Sensitive Adhesive Tapes

- High bond strength
- Innovative products
- Wide range of applications
- Standard and bespoke sizes



Want more information?
Visit the download centre to access the
Single & Double Sided Foam Tapes Range
Brochure at www.illbruck.com



PU Foams

- High movement accommodation
- Excellent thermal insulation
- Acoustic attenuation up to 60 dB
- 2-in-1 application:
Use with gun or AA210 nozzle

FM365

B3 Expanding Foam Max



FM365 is a rapid curing, high yield, one component gun grade expanding polyurethane foam that is suitable for general gap filling, bonding and insulation applications. These include the perimeter sealing and fixing of windows and doors, sealing of service penetrations and sealing around insulation panels.

Product Benefits

- Ideal for filling, sealing and insulating of joints and gaps
- High yield application (when used with conical adaptor or straw)
- Rapid cure formulation
- Forms a strong bond to most common building materials

Packaging

540 ml pressurised canister (12/carton)

Colour

Green



Want more information?
visit our website
www.illbruck.com

FM310

Pro Foam



FM310 is suitable for general gap filling, bonding and insulation applications. These include the perimeter sealing and fixing of windows and doors, sealing of service penetrations and sealing around insulation panels.

Product Benefits

- Acoustic & thermal insulation
- High initial expansion
- Low wastage

Packaging

750 ml pressurised canister (12/carton)

Colour

Green

FM330

**Pro Foam
Air Seal**



FM330 is a rapid curing, highly elastic gun grade polyurethane foam and is ideal for use as an air tight gap filler for general construction joints.

Product Benefits

- Acoustic & thermal insulation
- High initial expansion
- Low wastage

Packaging

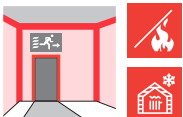
750 ml pressurised canister (12/carton)

Colour

White

FF197

**Nullifire
Fire-Rated PU
Construction Foam**



FF197 is a modified, single component, fire rated polyurethane foam that is used to seal linear gaps throughout the fire rated areas of a building.

Product Benefits

- Tested to BS EN 1366-4, BS EN 1634-1 and meets BS476-20 & 22
- 2-in-1 gun & nozzle canister

Packaging

750 ml pressurised canister (12 per box)

Colour

Pink

FIRE DOOR INSTALLATION

- FD60 approved under BS EN 1634-1
- Gaps up to 35 mm
- No architrave required
- Can be used with standard packers

Foam Accessories

AA270

**Foam Gun
Ultra**



See Page 35

AA210

**Spray
Nozzles**



See Page 35

AA290

**PU Solvent
Cleaner**



See Page 32

Adhesives

- Proven performance
- Cost effective
- User friendly

PU012

Liquid PU Construction Adhesive



PU012 is a moisture cure, liquid PU adhesive that is designed for the bonding of most types of wood, sandwich panels, polyurethane panels and plywood.

Product Benefits

- Interior & exterior use - EN 204 D4
- Bonds most materials even damp substrates
- Initial set in 20 minutes

Packaging

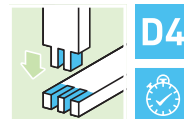
750 g bottle (12/carton)

Colour

Amber

PU220

Wood Adhesive Rapid Set



PU220 is a low viscosity PU adhesive designed for bonding wood to wood very rapidly, suitable for full water immersion, even in seawater.

Product Benefits

- Interior & exterior use - EN 204 D4
- Bonds most materials even damp substrates
- Gap filling action
- Fast Cure - initial set in 6-7 minutes

Packaging

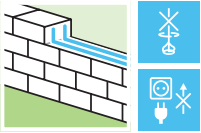
500 ml (12/carton)

Colour

Amber

PU700

**Multi-Use
Construction Adhesive**



PU700 Multi-Use Construction Adhesive is all you need in one can! With an astonishing yield equal to 12 x 310 ml cartridges, PU700 massively saves on installation time and also reduces waste significantly.

From being a high performance wood and joinery adhesive to a great alternative to mortar, PU700 covers a multitude of applications.

PU700 is also incredibly strong - don't just take our word for it though, try illbruck PU700 'The Van Essential' today!

Product Benefits

- Incredibly strong adhesive
- Wide variety of applications - wood, bricks, steel & more!
- Rapid curing - handling of joint within 10 minutes
- 12 times more coverage than a 310 ml cartridge
- Saves installation time
- Reduces waste
- No specialist tools required
- Less mess
- Excellent chemical resistance
- Suitable for indoor or outdoor use

Packaging

750 ml (12/carton)

Colour

Beige



Want more information?
visit our website
www.illbruck.com

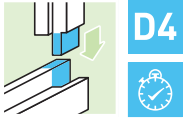
The Van Essential



Polyurethane Adhesives

PU230

Wood Adhesive Rapid Set



PU230 is a thixotropic PU adhesive paste which cures rapidly to form an exceptionally strong water resistant bond.

Product Benefits

- Interior & exterior use - EN 204 D4
- Bonds most materials even damp substrates
- Bonds irregular or uneven substrates
- Fast cure - initial set in 6-7 minutes

Packaging

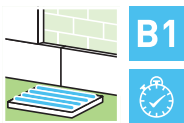
310 ml cartridge (12/carton)

Colour

Translucent

PU010

Panel Adhesive



PU010 is a rapid curing gun grade polyurethane foam adhesive. Designed for panel fixing, PU010 is compatible with many common substrates such as: plasterboard, insulation, masonry, timber, concrete and metal.

Product Benefits

- Quick & easy alternative to mechanical fixings and mortars
- Ready to use - no mixing required
- Eliminates waste - use what you need

Packaging

750 ml pressurised canister (12/carton)

Colour

Green

PU038

Corner Cleat Adhesive



PU038 is a solvent free, two component, polyurethane based adhesive that is mainly used for the structural bonding of corner angles of aluminium windows and doors. Bonded parts can be powder coated afterwards.

Product Benefits

- Solvent free
- Thixotropic - will not drip
- Good weather resistance
- Easy to apply

Packaging

PU038 is available in 900 g kits (6 kits per carton).

Colour

Resin: white-beige
Hardener: brown-beige
Cured film: beige

MT440

High Grip Original



MT440 is a highly versatile, high strength grab adhesive based on synthetic rubber and resins. It is ideal for a vast range of applications. MT440 has excellent adhesion to brick, concrete, blockwork, wood, plywood, chipboard, hardboard, plasterboard, insulation materials (except polystyrene), laminated plastics metals and ceramics.

Product Benefits

- High-power grab action
- Gap filling - bonds uneven substrates
- Suitable for internal and external use

Packaging

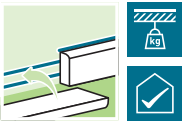
310 ml cartridge (12/carton)
380 ml cartridge (12/carton)
380 ml cartridge (25/carton)

Colour

Buff

MT480

High Grip Solvent Free



MT480 has been developed to provide a water-based alternative to conventional grab adhesives. It offers the same gap filling and bonding performance, but without the issues surrounding solvent-based adhesives.

Product Benefits

- Fixes, fills, seals and bonds
- High-power grab action
- Solvent-free and very low odour

Packaging

380 ml cartridge (12/carton)

Colour

White



illbruck Polymer Adhesives

What are our polymer products

Our polymer products are created by combining two traditional chemistries to create a new formulation that includes the beneficial properties of each. These products can take the form of an adhesive, sealant or in most cases a blend of both of these properties. We typically combine the benefits of polyurethane and silicone technology to give the benefits of both and remove the drawbacks of both of these technologies. Illbruck offers a range of polymer products to meet the demands of 21st century building requirements.

How are they made?

These products are produced at our state of the art facility in Traunreut, Germany. Continual investment means this factory has the capability to manufacture cutting edge products for all our customers.

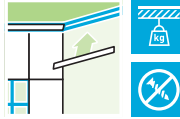
The process is that the basic polymer, plus other raw materials are mixed in our state of the art blending facility. We ensure that all traces of moisture are removed before the filling stage to ensure the best product stability in all Illbruck polymer products. The final mixture is then filled into cartridges, foil sausages or bulk drums, to be shipped.

R&D

Within the Traunreut facility, we have a large R&D facility. It is important to know that we have developed these products ourselves, we own the product formulations, and we manufacture the products at our facility. This gives illbruck full control over the current formulations, and allows for rapid future product development.

SP350

Fix & Seal High Tack



SP350 is a single component polymer adhesive based on illbruck's advanced SP polymer formulation. With an extremely high initial strength, SP350 is ideal for bonding materials to floors, walls and ceilings.

Product Benefits

- Instant grab
- Bonds & seals virtually anything
- Interior & exterior use - over paintable
- Solvent & isocyanate free

Packaging

310 ml cartridges (12/carton)

Colour

White

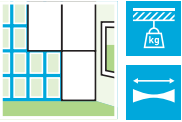


Want more information?
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www.illbruck.com



SP050

Fix & Seal Universal



SP050 is a multi-purpose sealant and adhesive based on illbruck's advanced SP polymer formulation. SP050 provides a high strength flexible bond in a wide variety of construction and industrial applications.

Product Benefits

- Bonds & seals virtually all materials
- Interior & exterior use - over paintable
- Solvent & isocyanate free

Colours

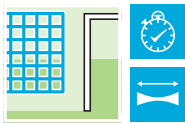
White, grey and black. Other colours available subject to minimum order quantity. Crystal clear version available (refer to illbruck SP030).

Packaging

310 ml cartridge (12/carton)

SP030

Fix & Seal Crystal



SP030 is a transparent, fast-curing adhesive sealant based on illbruck's SP polymer formulation. SP030 cures rapidly to provide a flexible, crystal clear seal. The transparent properties of SP030 make it ideal for use in the sealing/bonding of glass elements in a wide range of interior applications where a transparent bond is required.

Product Benefits

- Tack free within 5 minutes
- Solvent & isocyanate free - suited for safe use in confined spaces
- Excellent adhesion to a variety of substrates

Packaging

310 ml cartridge (12/carton)

Colour

Crystal clear

SF520

Flexible Wood Adhesive



A high strength, flexible, single component advanced polymer adhesive for surface bonding most wood flooring.

Product Benefits

- Strong and flexible
- Permanently elastic bond
- Solvent free and moisture free
- Compatible with most under floor heating systems

Packaging

Available in 10 litre plastic buckets (containing 17 kg of material).

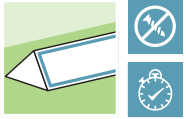
Colours

Buff / brown

Super Glues

CY300

Industrial Super Glue



CY300 is a versatile, ready to use, transparent, solvent free, medium viscosity, cyanoacrylate adhesive which develops very rapid high strength bonds when used between close-fitting surfaces.

Product Benefits

- Bonds a wide range of materials
- Cures in less than 60 seconds
- Easy-to-use, non-toxic cyanoacrylate formulation

Packaging

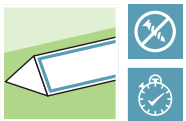
20 g bottle (25/carton)
50 g bottle (25/carton)

Colour

Translucent

CY340

Mitre Kit Adhesive



CY340 is a 2-part kit comprising a high viscosity cyanoacrylate adhesive and a spray-applied activator. The high viscosity adhesive has excellent gap-filling properties, whilst the activator accelerates curing speed and improves final bond strength.

Product Benefits

- Ideal for bonding mitred MDF joints
- 2-step application for an instant bond
- Ideal for MDF and wood-based products

Packaging

Kit contains 1 x 50 g bottle and 1 x 200 ml canister (12/carton)

Colour

Translucent

CY360

Super Glue Activator



CY360 is a cyanoacrylate activator supplied in an easy-to-use hand-held aerosol. It can be used in conjunction with any of the illbruck range of cyanoacrylate adhesives to create an instant high strength bond

Product Benefits

- Use with illbruck CY adhesives
- Accelerates speed of curing
- Improves adhesion on difficult substrates

Packaging

200 ml canister (12/carton)

Colour

Colourless

CT704

Industrial Contact Adhesive



CT704 is a very versatile multi-purpose contact adhesive, used in a wide variety of construction and industrial applications. It is simple to apply and dries to form a high strength bond with many materials, such as laminated plastic, decorative hardboard, plywood, metals and rubber.

Product Benefits

- Quick and easy to use
- Forms a high strength bond
- Excellent weather resistance

Packaging

5 litre tin

Colour

Light brown

CT468

High Performance Contact Adhesive



CT468 is a high performance contact adhesive with good heat resistance. CT468 offers excellent adhesion to nonporous surfaces. Although primarily developed for bonding laminated plastics, it is equally suitable for unplasticized or low plasticizer content PVC and ABS sheeting, aluminium, steel, rubber and asbestos cement sheeting.

Product Benefits

- Excellent adhesion to porous and non-porous substrates
- High bond strength
- Excellent water resistance

Packaging

1 litre tin (12/carton)

Colour

Reddish brown

CT456

Sprayable Contact Adhesive



CT456 is a spray-applied contact adhesive ideal for laminating and postforming of plastic laminates. The adhesive has good temperature resistance, instant grab and high ultimate bond strength, so is suitable for even tight radii postforming. It is also used for bonding a wide range of materials, such as metals, expanded foams, plywood, OSB, particleboard, hardboard and plasterboard.

Product Benefits

- Very high initial grab and ultimate bond strength
- Improved atomisation allows immediate lay up, eliminates blooming and reduces odour
- Sprayable formulation allows high coverage rates and rapid application

Packaging

25 litre drum

Colours

Available in red or natural

CT600

Sprayable Contact Adhesive



CT600 is a high strength contact adhesive in an easy-to-use 500 ml handheld canister. It is ideal for quick and simple bonding of many common materials, including: wood, cardboard, fibrous insulation materials, paper, plastics, canvas, cork, rubber, fabrics and foam, either to themselves or onto brickwork, concrete, stone and plaster.

Product Benefits

- Very versatile, 3-in-1 adhesive action
- Use as a grab adhesive, contact adhesive or tackifier
- Quick and easy bonding with a vast range of uses

Packaging

500 ml canister (12/carton)

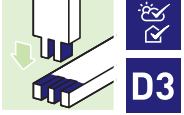
Colour

Light yellow

PVA Adhesives

WD120

Weatherproof PVA Adhesive



WD120 is a premium PVA adhesive suitable for internal and external applications where resistance to water is required.

Product Benefits

- Weatherproof - meets EN 204 (D3)
- Cures to a transparent finish
- Quick, easy and clean to use

Packaging

- 1 kg bottle (12/carton)
- 5 kg bottle (4/carton)
- 25 kg drums

Colour

White liquid, dries translucent



Sealants

- Innovative
- High levels of performance
- Excellent movement accommodation

GS200

Sanitary Silicone



GS200 is a rapid curing, sanitary grade silicone sealant with excellent resistance to mould and mildew. It is ideal for applications in: bathrooms, showers and wet rooms, kitchens, changing areas and hospital sluice rooms.

Product Benefits

- Excellent resistance to detergents and cleaning
- Wide service temperature range: -50°C to +100°C
- Contains a powerful fungicide

Packaging

310 ml cartridges (20/carton)

Colours

Translucent and white

GS360

Multi-Purpose Silicone



GS360 is a high performance construction silicone with excellent adhesion, long-term flexibility and weatherproof performance. It is suitable for a wide range of sealing applications, such as: plumbing, electrical, general building and maintenance.

Product Benefits

- Bonds to many common construction materials
- Rapid curing and permanently flexible
- Excellent external weathering properties

Packaging

310 ml cartridge (20/carton)

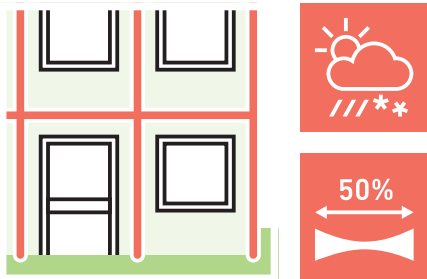
Colours

Translucent, white, black, brown, grey and light oak

Silicone Sealants

FS500

Frame & Façade Silicone



FS500 is a low modulus, neutral curing, silicone sealant with high movement capability. It has excellent adhesion to most porous and non-porous substrates including polycarbonate.

Product Benefits

- Meets the requirements of EN ISO 11600 G&F 25LM
- Movement capability: up to 50%
- Long-term resistance to weathering, ageing and UV
- Ideal for the solid bedding glazing method for timber windows

Packaging

310 ml cartridge (20/carton)
600 ml sausage (20/carton)

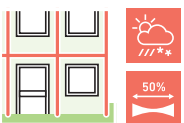
Colours

Black, white.
Anthracite (310 ml only).
Other colours on request — subject to availability and minimum order quantity.



FS125

Premium Frame & Façade Silicone



FS125 is a one-part, neutral curing, low modulus, low odour silicone sealant suitable for perimeter joint sealing applications with high movement capability. It has excellent primerless adhesion to multiple surfaces including masonry, brick, aluminium, PVC-U, polycarbonate, polyacrylate, wood, painted wood, glass and glazed surfaces.



Product Benefits

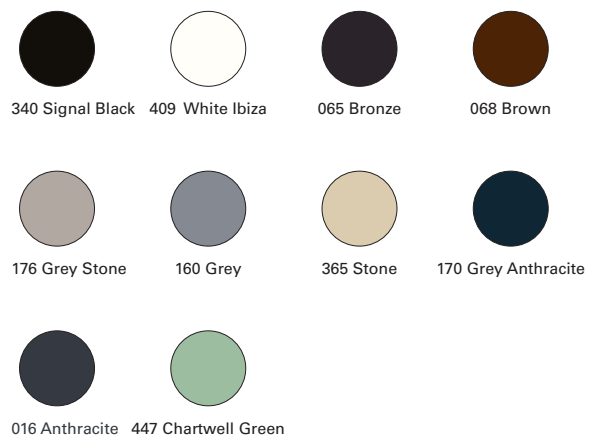
- Meets the requirements of EN ISO 11600 G&F 25LM
- Movement capability: up to 50%
- Long-term resistance to weathering, ageing and extra UV protection
- Low modulus formulation ensures minimum stress at joint faces

- Neutral cure: low odour and non-corrosive
- Modern colour range in low sheen finish
- Easy to tool into place and smooth off

Packaging

310 ml cartridges (20/carton)

Colours



* Colour swatches are indicative only.
For colour samples, please contact our Sales Office on +44 (0)1942 251400.



FA870

Premium Natural Stone Silicone



FA870 is a non-staining, neutral curing silicone sealant. It provides long term elastic sealing of connection and movement joints between natural stones such as granite, slate, terrazzo, porphyry, limestone, travertine, sandstone, quartzite, marble, etc. as well as for connection joints with other conventional materials like concrete, ceramics, metals, glass, PVC and primed wood.

Product Benefits

- A high performance silicone sealant developed specifically for the sealing of natural stone whereby illbruck guarantees no migratory staining
- Long-term resistance to weathering, ageing and UV
- Contains fungicide to prevent mould growth
- Chemically neutral, non-corrosive and very low odour
- Rapid curing formulation - skins within 10- 20 minutes

Packaging

310 ml cartridges (20/carton)

600 ml sausages (20/carton)

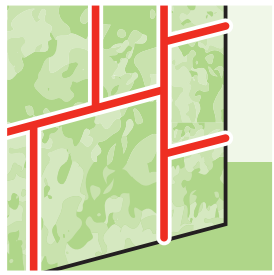
Colours*



* Colour swatches are indicative only.
For colour samples, please contact our
Sales Office on +44 (0)1942 251400.

FA880

Premium Natural Stone Silicone Matt



FA880 has been formulated for the long term elastic sealing of movement joints between natural stone such as granite, slate, terrazzo, porphyry, limestone, travertine, sandstone, quartzite, marble, etc., as well as for joints with other construction materials like concrete, ceramics, metals, glass, PVC and primed wood.

Product Benefits

- A high performance silicone sealant developed specifically for the sealing of natural stone whereby illbruck guarantees no migratory staining
- Superb matt finish
- Good resistance to UV light, ageing and weathering
- Contains fungicide to prevent mould growth- suitable for sanitary & swimming pool surround applications
- Rapid curing formulation- skins within 10- 20 minutes
- Chemically neutral, non-corrosive and very low odour
- Compatible with most construction materials

Packaging

310 ml cartridges (12/carton)

Colours*

						
389 Transparent	402 White	194 Joint White	192 Joint Grey	212 Licht Grau	211 Light Grey	228 Manhattan
						
326 Sand Grey	366 Stone Grey	139 Dusty Grey	036 Basalt Grey	105 Concrete Grey	356 Slate Grey	128 Dark Grey
						
019 Anthracite	053 Black	189 Jasmine	030 Bahama Beige	013 Anemone	324 Sand	260 Oak
						
129 Dark Oak	071 Brown	124 Dark Brown	095 Chocolate Brown			

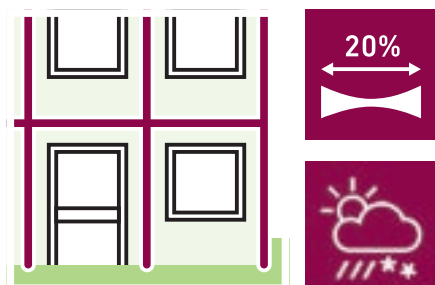


* Colour swatches are indicative only. For colour samples, please contact our Sales Office on +44 (0)1942 251400.

Polymer Sealant

SP510

Low Mod Construction Sealant



SP510 is a low modulus sealant and is low slump even in warmer temperatures. It has excellent application properties. It cures with air humidity, to form a tack-free surface and provides good resistance to light, ageing and weathering. SP510 is suitable for long term elastic sealing of window and door perimeter joints and movement joints between construction components. It can be used for indoor* and outdoor applications. It is compatible with metals and most construction materials.

*excluding bathrooms/sanitary areas

Product Benefits

- Easy to tool
- Free from isocyanates, silicone & solvents
- Low slump
- Can be painted over
- Easy to tool into place and smooth off

Packaging

310 ml cartridge (12 per carton), 400 ml sausage (20 per carton), 600 ml sausage (20 per carton)

Colours*



* Colour swatches are indicative only.
For colour samples, please contact our
Sales Office on +44 (0)1942 251400.



Sealant Accessories

AA301

Smoothing Agent



See Page 36

AA311

Jointing Tools



See Page 36

AA934

Sausage Gun 400 Standard



See Page 34

LD730

Acrylic Sealant



LD730 is a flexible, mould resistant acrylic sealant for use in painting and decorating. It provides an over-paintable seal for filling cracks and gaps around door and window frames, penetrations, damaged plaster and other wall and ceiling surfaces.

Product Benefits

- Ideal for filling and sealing small cracks and gaps throughout building interiors
- Over-paintable: will overcoat with a wide range of paints
- Solvent free: no unpleasant solvent odours, low toxicity
- Contains fungicide to prevent mould growth

Packaging

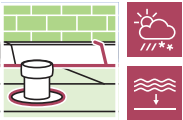
310 ml cartridge (25/carton)
380 ml cartridge (25/carton)

Colour

White

OS111

Bituminous Sealant



OS111 is a high performance, bituminous sealant and adhesive that can be applied on damp, wet or submerged substrates. It is ideal for sealing leaks and making repairs, even on wet surfaces.

Product Benefits

- Can be applied to damp, wet or submerged substrates
- Excellent adhesion to a wide range of materials
- Long-term resistance to weathering, ageing and UV

Packaging

310 ml cartridge (24/carton)

Colour

Black

SHELL

Tixophalte Wet Seal & Fix



A professional bituminous adhesive and sealant with permanent flexibility giving superior adhesion, even under wet conditions. Has long-term resistance to weathering, ageing and UV and is the ideal solution where silicones, PUs, acrylics, hybrids, etc., cannot be used.

Product Benefits

- Ready-to-use, easy to apply
- Can be applied in wet conditions and even under water
- Good adhesion to most surfaces
- Can be used with asphalt, concrete, cement, brick, metal, glass & plastic

Packaging

310 ml cartridge (12 per case),
600 ml sausage (20 per case)

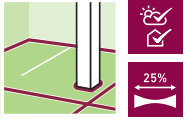
Colour

Black

Specialist Sealants

SP540

Floor Joint Sealant



SP540 Floor Joint Sealant is abrasion and vibration resistant, non-yellowing easy to tool, and both UV and weather resistant.



Product Benefits

- Isocyanate & silicone free
- Fast curing
- Fast tack-free time
- Permanent elasticity
- High mechanical strength and good abrasion resistance
- Excellent resistance to weathering, ageing and UV exposure

Packaging

310 ml cartridge (12/carton)
600 ml sausages (20/carton)

Colours

Concrete grey and black

LD410

Duct Sealant



LD410 is a solvent free duct sealant which gives a flexible seal in low movement joints. It has been designed for permanent sealing in low, medium and high pressure ductwork.

Product Benefits

- Prevents air leakage in low, medium and high pressure ductwork
- Can be used to meet requirements of Class C to HVCA standard DW 144
- Water based: especially suited for safe use in confined spaces

Packaging

310 ml cartridge (25/carton)

Colour

Grey

OS120

Duct Sealant



OS120 is a rapid curing duct sealant which gives a flexible seal in low movement joints. It has been designed for permanent sealing in low, medium and high pressure ductwork.

Product Benefits

- Prevents air leakage in low, medium and high pressure ductwork
- Can be used to meet requirements of Class C to HVCA standard DW 144
- Rapid curing - allows fast track sealing of ductwork

Packaging

380 ml cartridge (12/carton)

Colour

Grey

FS702

Nullifire Fire-Rated Acrylic Sealant



Nullifire FS702 cures to give a firm but flexible fire seal whilst providing an excellent acoustic and air seal. It is ideally suited for use around small annular service penetration seals in walls and floors.

Product Benefits

- Can achieve up to 4 hours joint fire resistance tested in accordance with EN 1366-4 and ETAG 026
- Ideal for sealing low movement joints - suitable for gaps up to 50 mm wide
- Suitable for rigid and flexible walls
- Used for sealing FB750 Coated Batts
- Acoustics up to 61 dB
- Air seal up to 2,000 Pa
- Single sided seal tested
- Easily paintable

Packaging

310 ml cartridge (12/carton)
600 ml sausage (12/carton)

Colour

White and grey

FS703

Nullifire Fire Resistant Silicone Sealant



Nullifire FS703 provides a fire resistant seal for high movement joints. For internal use in: joints in compartment walls and floors, seals in and around lightweight partitioning, gaps between frames and structures, bedding of fire door locks and hinges, around pipes and services, and at junctions of different materials.

Product Benefits

- Can achieve up to 5 hours joint fire resistance tested in accordance with EN 1366-4
- Suitable for gaps up to 50 mm wide
- Excellent unprimed adhesion
- Slump free with a long service life
- Seal ratio at 2:1 (e.g. 10 mm width x 5 mm depth)

Packaging

310 ml cartridge (12/carton)
600 ml sausage (12/carton)

Colours

White and grey

FS709

Nullifire Graphite-Based Intumescent Sealant



Nullifire FS709 is a single part, graphite based, fire resistant intumescent sealant. It is designed to close off gaps and penetrations in compartment walls and floors, to provide up to 4 hours fire resistance. This product has been formulated to close off plastic pipe penetrations in the event of a fire, negating the need for pipe closers or wrap systems.

Product Benefits

- Certified to the latest European standards EN 1366-3 and EN1366-4, Classified to EN 13501-2:2007
- Up to 240 minutes fire resistance
- A+ internal air quality rating
- Can be used in FB750 Batt
- Tested with combustible pipes up to 125 mm
- Tested for use in linear gaps up to 25 mm
- Tested with metallic pipes, cables, cable bunches, cable trays and cable ladders

Packaging

310 ml cartridge (12/carton)

Colour

Grey

Specialist Foam Tapes

- Designed for use in specialist applications

TN119

Flange Sealing Foam Tape



TN119 is a closed-cell, single sided PE foam tape used to provide an airtight seal around flange joints in HVAC ductwork.

Product Benefits

- A quick and easy way to achieve an airtight seal at ductwork connections, ideal for confined areas
- 100% closed-cell PE foam provides an airtight seal even under minimal levels of compression
- Meets the requirements of Building and Engineering Services Association DW 144 Class C

Standard Sizes

Thickness: 6 mm
Widths: 15 & 25 mm

Colour

Grey

TN032

Foil Tape

A bright finish aluminium foil with an acrylic adhesive and paper liner. Gives a neat, attractive finish and provides protection and moisture vapour sealing on foil faced insulation materials, pipe insulation sections and metal ducting.

Product Benefits

- Easy sealing over foil faced insulation
- Improves airtightness
- Attractive finish

Standard Sizes

Widths: 50, 75 & 100 mm

Colour

Silver



Accessories

- Cleaners
- Primers
- Guns
- Tools & Accessories

AA290

PU Solvent Cleaner



Dual-purpose aerosol solvent based cleaner used to purge applicator guns and clean nozzles after PU foam applications. The spray nozzle adaptor can also be used to remove uncured PU foam from surfaces not affected by solvent.

Product Benefits

- High power cleaner for illbruck PU foams
- Fills most PU foam guns
- Dual-purpose cleaner/ aerosol

Packaging

500 ml (12/carton)

Colours

Clear

AW403

Industrial Glass Cleaner



Fast evaporating solvent solution removes dirt from glass surfaces to leave a sparkling finish. Effectively cleans all types of glass, mirrors and tiles.

Product Benefits

- Powerful industrial cleaner for glass, mirrors and tiles
- Cleans to leave a sparkling crystal clear finish
- Suitable for windows, mirrors, tiles and certain metals

Packaging

1 litre (12/carton)
25 litre poly bottle

Colours

Colourless

AW430

PVCu Frame Cleaner



Effective solvent cleaner ideally suited for cleaning and removing stains and contamination from PVCu window and door frames during installation and for maintenance thereafter. It may also be used for cleaning other surfaces which are not sensitive to solvents such as metal, ceramics and glass.

Packaging
1 litre (12/carton)

Colours
Clear

AA292

Cleaning Wipes



AA292 is designed to clean wet and semi-cured paint, sealant, adhesives, bitumen, polyurethanes, expanding foams, polyester fillers and epoxies from hands, tools and surfaces.

Packaging
100 per tub (6 tubs per carton)

AW421

TREMCO Industrial Cleaner



TREMCO AW421 is a powerful solvent-based cleaning solution for dissolving and removing mastics, adhesives and sealants. It will remove many common adhesives and sealants, particularly in the uncured state. The product may also be used for cleaning and to degrease other surfaces that are not sensitive to solvents such as metal, ceramics and glass.

The product can also be used to dilute illbruck CT113 Contact Adhesive, in order to achieve a consistency suitable for use as a surface primer.

Packaging
5 litre screw top can

Colour
Clear

AT115

Cleaner for Plastics



AT115 is ideal for cleaning and degreasing sensitive surfaces such as plastics, painted and powder-coated components as well as metals. Can also be used for cleaning tools and equipment.

- Benefits**
- Rapid drying and easy to use
 - Ideal for cleaning sensitive substrates prior to the application of illbruck sealants

Packaging
1 litre tin (10 per box)

Colours
Transparent

AT200

General Purpose Cleaner for Degreasing Metals



AT200 is a blend of solvents for cleaning and degreasing joint edges and adhesive surfaces and for cleaning working tools.

- Benefits**
- Rapid drying and easy to use
 - Ideal for cleaning substrates prior to the application of illbruck sealants

Packaging
500 ml (10/carton)
5 litre cans

Colours
Transparent

Guns

AA834

Cartridge Gun 400 Standard



A high quality 10" metal skeleton gun for professional users. Able to accommodate 310 and 380 ml cartridges.

Packaging

Individual units

AA934

Sausage Gun 400 Standard



This standard sausage gun has an excellent combination of price and quality. For small and non-regular projects, it's an ideal gun to use. Especially suitable for SP510 400 ml sausages

Packaging

Individual units

AA854

Cartridge Gun 400 Pro



This high quality gun has an excellent combination of thrust and ratio; so, it is extremely useful when many linear metres per day need to be applied, for example with our SP525 façade sealant.

Packaging

Individual units

AA936

Sausage Gun 600 Standard



High quality barrel gun for application of 600 ml foil sausages.

Packaging

Individual units

AA874

Cartridge Gun 400 Ultra



This extremely strong quality gun has an excellent thrust so it is extremely useful when you have to deal with highly viscous adhesives, for example with our SP350 high tack adhesive. Suitable for use with 310 - 400 ml cartridges.

Packaging

Individual units

AA956

Sausage Gun 600 Pro Combi



This high quality gun has an excellent combination of thrust and ratio; so, it is extremely useful when many linear metres per day need to be applied, for example with our SP525 façade sealant. Suitable for use with 310 - 400 ml cartridges and 400 - 600 ml sausages.

Packaging

Individual units

AA230

**Foam Gun
Standard**



This high quality gun has been specially designed for the professional end-user. It is an ideal hybrid design with metal and thermoplastic material parts which is solvent and stick proof.

Packaging
Individual units

AA250

**Foam Gun
Pro**



This high quality gun has been specially designed for the professional end-user. It is an ideal hybrid design with metal and thermoplastic material parts which is solvent and stick proof.

Packaging
Individual units

AA270

**Foam Gun
Ultra**

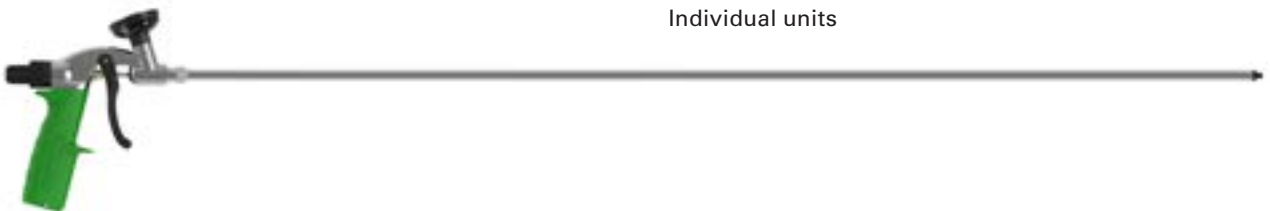


This ultra-high quality gun has been specially designed for the professional end-user. The hybrid design is solvent and stick proof. A PTFE coating on metal parts makes cleaning and maintenance easier.

Packaging
Individual units

AA257

**Foam Gun
Pro XXL**



This high quality gun has been specially designed for the professional end-user. It is an ideal hybrid design with metal and thermoplastic material parts which is solvent and stick proof. The extra long barrel aids facilitates application in some difficult areas.

Packaging
Individual units

AA210

Spray Nozzles



The 2 in 1 application system for illbruck expanding foams is suitable for all types of applications. It provides more precise application and greater efficiency than a standard nozzle and therefore less waste.

Packaging
6 nozzles per pack



Tools & Accessories

AA301

Smoothing Agent



AA301 helps achieve a better finish on the sealant when tooling off. Just spray on the freshly gunned silicone and smooth off the sealant in the normal way with the smoothing tool. Far better than washing up liquid or common alternatives!

Packaging

750 ml spray bottle (12/carton)

AA311

Jointing Tools



AA311 is a tooling kit contained in a small box. Available in round or angular profiles, each box having 3 tools. They are made of high quality plastic to give an excellent finish.

Packaging

Round Profiles: 3 per box (6 different profiles 4 - 14 mm)
Angular Profiles: 3 per box (6 different profiles 3 - 10 mm)

AA400

Anti-Mould Spray



AA400 can be sprayed onto mould to remove it, and will also prevent further mould from forming for a significant amount of time. If mould persists, please contact tremco illbruck technical department.

Packaging

500 ml spray bottle (12/carton)

PR102

PE Joint Backer Rod



PR102 is used as a foam backing rod behind the sealant joint, for exterior and interior use. When positioned correctly it ensures correct joint dimensions. PR102 avoids 3-sided adhesion, allowing the joint to move more efficiently.

Packaging

Available in a range of sizes from 6 to 50 mm.



Create a Perfect Finish Every Time

AA291

**Multi-Purpose
Lubricant Spray**



Want more information?
visit our website
www.illbruck.com

AA291 Lubricant Spray is an aerosol applied Teflon based CFC, HFC and HCFC free non-staining lubricant for use on metal and plastic moving parts. It produces a dry, low friction, non-stick protective coating that is hard wearing and long lasting. AA291 is ideal for the maintenance of PU Foam guns.

Packaging

200 ml aerosol cans with spray nozzle (12 per carton)



AB004

**Membrane Seam
Rollers**



The most efficient way of getting maximum contact when applying illbruck membranes. This handy roller allows a professional finish eliminating air bubbles and wrinkles and allowing the product to be applied "right first time".

Packaging

Individual units

AB005

**Membrane
Shears**



Get a perfect cut everytime on illbruck membranes. Designed to cut cleanly and efficiently with a lock to keep the shears closed when not in use. The perfect tool for the professional.

Packaging

Individual units

AB006

**Tape
Belts**



Designed specifically to keep part rolls of illbruck tapes (e.g. TP650) from expanding.

Packaging

2 pc set

AB007

Tape Roll Clips























Designed to clip onto the end of cut impregnated foam expanding tape (e.g. TP600 and TP652) to stop further expansion and avoid wastage. Keeps the roll tidy and neat and ready for use next time.

Packaging

Individual units

Glossary

Benefits

	Acoustic Insulation to 60 dB		D1 Adhesive		High Grab		Over Paintable
	Airtight		D3 Adhesive		High Movement		Prevents Air Leakage
	Apply by Adhesive Spreader		D4 Adhesive		Insulating		Protects
	B1 Fire Rating		Elastic		Interior Use		Set Time (e.g. 20 minutes)
	BBA Accredited		Exterior & Interior Use		MAF (e.g. 25%)		Solvent Free
	Below Grade Use		Fast Cure		No Electricity Required		Strong
	Brush Applied		Flexible		No Fixings Required		Water Resistant
	Cold Weather Performance		Fire Resistant		No Mixing Required		Weather Resistant

Certifications

CE

CE Marking on a product is a manufacturer's declaration that the product is assessed before being placed on the market and thus satisfies the legislative requirements (e.g. a harmonised level of safety) to be sold there. It means that the manufacturer has verified that the product complies with all relevant essential requirements (e.g. safety, health, environmental protection requirements) of the applicable directive(s).



BBA

The BBA is the UK's major authority offering approval and certification services to manufacturers and installers supplying the construction industry.

BBA Approval is recognised by building control, government departments, architects, local authorities, specifiers, and industry insurers like the NHBC.



BSI

tremco illbruck Limited - A company certified to: ISO 9001, ISO 14001 and ISO 18001.



Memberships



tremco illbruck and its strong brands



tremco illbruck is a European manufacturer and service provider of high-performance sealing, bonding, flooring, waterproofing and passive fire protection products for the construction and manufacturing industries.

We ensure that your processes become faster, smarter and more efficient.



illbruck adds perfection to all your sealing and bonding projects, be it windows, façades, interiors or exteriors, a major construction scheme or a minor refurbishment job. We offer the right set of products, services and expertise to lessen your workload and improve the overall environment within buildings - making it perfect.



Nullifire helps reduce the complexities of passive fire protection. Fire safety regulations can be complicated and potentially involve the threat of liability. To cope with these challenges we deliver a focused range of rigorously tested products that cover a wide array of passive fire protection applications. Nullifire's expert advice, support and training make for smart and simple solutions in passive fire protection.



TREMCO delivers lasting results when it comes to flooring, waterproofing, insulating glass or structural glazing. The building envelope is faced with ever more exacting requirements – technologically, legally and in terms of sustainability. With more than 85 years of experience, TREMCO offers products that have been tested for decades and under extreme environmental conditions – for buildings that are made to last.





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