

Product Catalogue

For Windows
& Façades



illbruck
FM330
Pro Foam Air Seal
Eliminates
Unplanned
Air Loss
**ALL SEASON
FORMULA**

illbruck
FA600
Frame Silicone
Weathertight Seal
for Windows &
Doors
**EXCELLENT
DURABILITY**
Achieve UK Building
Regulations Part L
in most common building
types
Walls - Floors
Meets the requirements of
ISO 11600-F&G-25LM
Long-term resistance to
weathering, ageing and UV
Wide service temperature
range: -40°C to +120°C

illbruck
FS500
Frame & Façade Silicone
High Movement with
Excellent Adhesion
**EXCEPTIONAL
WEATHER
RESISTANCE**
Meets the requirements of
EN ISO 11600 G&F 25LM
Movement capability:
up to 50%
Long-term resistance to
weathering, ageing and UV

illbruck
SP050
Fix & Seal Universal
Bonds • Seals • Fills
**HIGH
POWER**
Bonds to
all materials
Interior
over paint
Solvent L
free

illbruck
ME500
50-70
70-100
80-110
110-140
tremco
illbruck

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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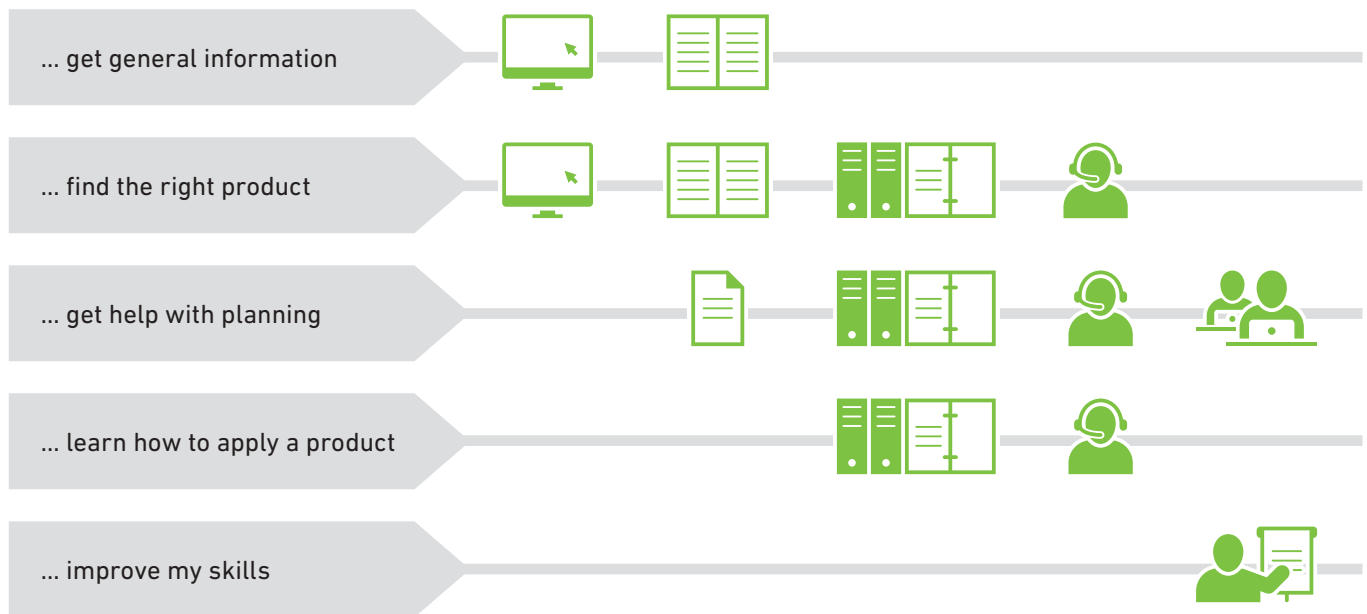


Service and Support

Quick assistance when you need it

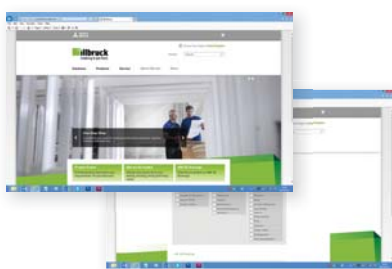
Targeted services provide answers to all your questions - quickly, simply and for every phase of your project. Use the following overview to find the right service point for your queries.

I would like to ...



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.



Brochures

Brochures for building contractors, merchants and specifiers provide practical examples of projects and applications, system solutions, services and product overviews.





Product Datasheets

Completely revised and clearly presented product datasheets provide all the technical information you need for each specific product. Datasheets are available in printed format or can be downloaded in digital format 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 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 and Planning

Faced with complicated projects, architects - as well as other specifiers and even installers - can turn to a team of experts for independent and detailed specification support.



Customer Service & Support

Calling our Customer Services will put you in touch with experienced experts – and not with an anonymous call centre voice. Since we strongly believe in personal communication, we invest in our face-to-face services in order to better serve your needs.



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.

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!

New colour-coding makes it even easier to find the product you need: Each application field has its own colour scheme

As before, the technologies continue to be identified by a combination of letters (as part of the shortcut).



Adhesives

CT	Contact
CY	Cyanoacrylate
MT	Grab Adhesives
OT	Others
PU	Polyurethane
SP	Hybrid
WD	PVA



Foams

FM



Membranes

ME



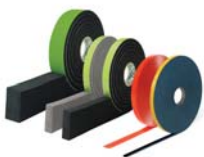
Profiles

PR



Sealants

FA	Neutral Silicone
FS	Neutral Silicone
GS	Acetoxy Silicone
LD	Acrylic
OS	Others
PU	Polyurethane
SB	Butyl
SP	Hybrid



Tapes

TN	Others
TP	Impregnated



Accessories

AA/AB/AT/AW

In the picture - Faster Clear and informative packaging design

The new and improved packaging design puts you in the picture faster. Precise and instantly recognisable colour shades and icons clearly identify each product. This Labelling runs throughout all forms of marketing materials – from packaging and website design to catalogues, brochures and product datasheets.



Online product search



Product datasheet



Area of application

Simple pictograms explain where to apply the product.

Major benefits

A second type of pictograms will show the main benefits/properties at a glance.

High Performance Window Systems Intelligent Seals for Airtight Internal & Weathertight 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 rated 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 m³/hr.m² @ 50 Pa, ensuring compliance with Code Level 6 and Passive House standards.

The innovative "i3" system encompasses the concept of sealing out weather whilst sealing in comfort and energy savings. It incorporates a choice of products to effectively seal on three levels: Weather tight (but vapour permeable) externally, air tight internally, with a thermal and acoustic insulation layer between.

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.

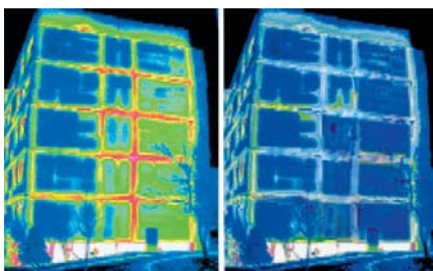
A typical example of the i3 system comprises of:

TP600 - an impregnated foam tape which forms a vapour permeable external weathertight seal.

FM230 Pro Foam Window - a PU Expanding Foam which insulates giving the installation improved thermal and acoustic performance.

ME500 Duo Flexible Window Membranes - intelligent membranes used internally to create an airtight installation.

With the "i3" Window Sealing System, tremco illbruck can provide a state-of-the-art universal sealing system for the perimeter sealing of windows. Other i3 system options are given on page 9.



Before & After: This thermal image shows less heat escaping after the installation of TP600

State-of-the-Art Window Sealing!

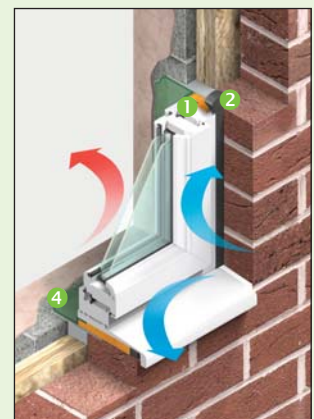
Provides . . .

-  Weather seal for wind-driven rain
-  Vapour permeability
-  Thermal insulation
-  Acoustic insulation
-  Internal airtight seal

The BBA Approved i3 System



Sash window in a check reveal using the i3 system



Traditional casement window detail with the i3 system

- ① FM230 Window Seal Foam
- ② TP600 Comproband 600
- ③ ME500 Duo Flexible Window Membrane E
- ④ ME500 Duo Flexible Window Membrane W

The i3 Window Sealing System

How it works: “inside tighter than outside”

Proper sealing is an effective interaction of the outer, middle, and inner sealing levels on the principle of “inside tighter than outside.” By selecting appropriate products from our six system components, various combinations can be created to suit the installation situation. The resulting system will meet all the requirements of modern sealing technology.

The result:

An externally weatherproof but vapour permeable system, which also prohibits the warm internal air penetrating the joint and forming condensation, a problem which can lead to a reduction in the level of thermal insulation, damage to building components and mould formation.

- Exceeds 600 Pa driving rain tightness, per DIN EN 1027 and DIN 18542
- Effective filling and insulation of the window joint seal
- Airtight to UK Building Regulations and DIN 18542 & DIN EN 1026. Also meets Passive House air tightness requirements.

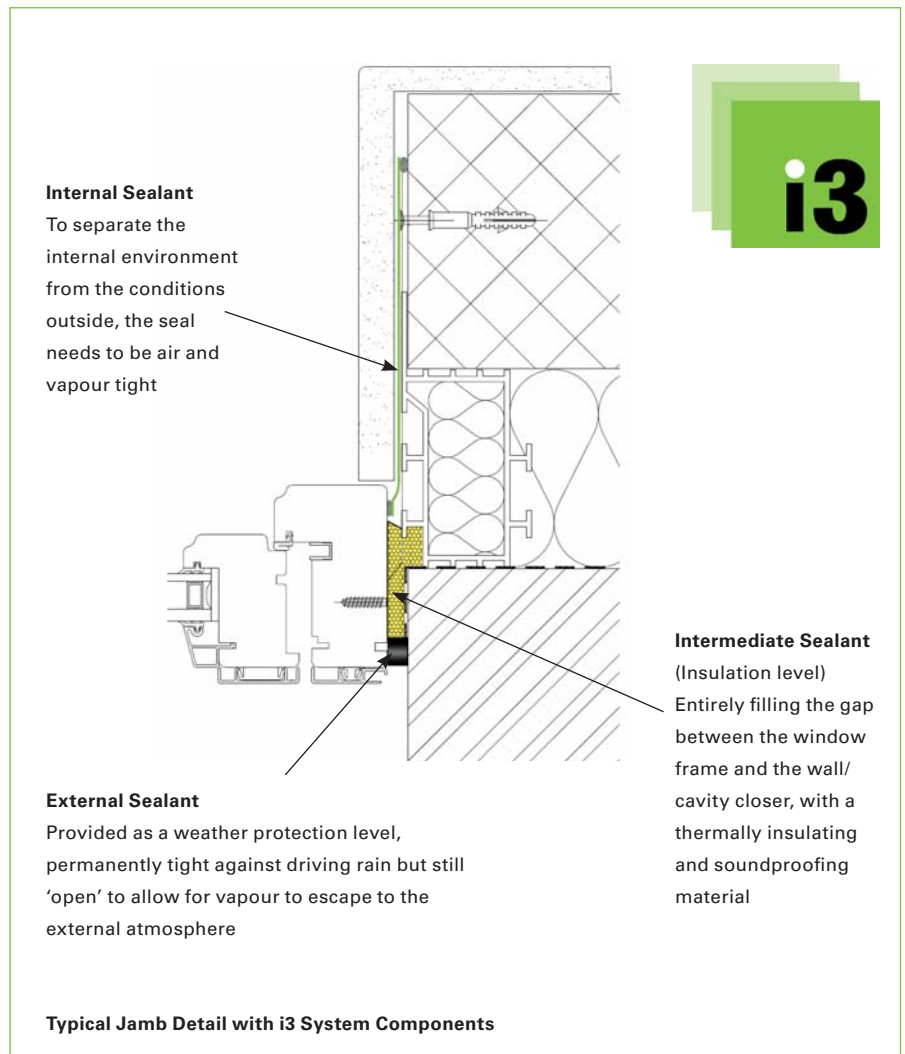
10-year “i3” performance guarantee*

The “i3” Window Sealing System from illbruck comes with a 10-year guarantee* for the performance of the joints.

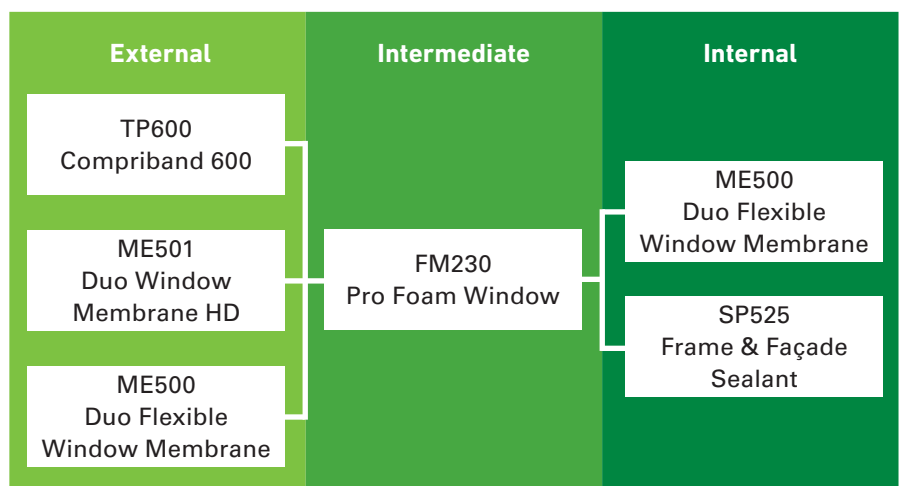
BBA Accreditation

The “i3” system and its individual components are BBA approved, proving their fitness for purpose.

* Under the conditions specified by tremco illbruck - available on request



i3 System Options



Impregnated Foam Tapes

TP600

Compriband 600



i3

TP600 is an open-cell, flexible polyurethane foam sealant, impregnated with a flame retardant acrylic resin, providing a high performance weather seal. It is pre-compressed and ready for use with a self-adhesive backing to aid location. After positioning, the material expands to create a permanent elastic seal. It remains flexible throughout its life and responds to the expansion/contraction cycles caused by thermal and structural movement.

TP600 is designed for use in a wide variety of movement joints including window perimeter seals and other applications.

Product Benefits

- 15 year performance guarantee
- Weather seal for wind-driven rain
- Moisture vapour permeable
- Continually expands and contracts to accommodate movement whilst still sealing the joints
- Thermal and acoustic insulation

Colours

Grey and anthracite

Joint / Gap Size to be Filled mm	Joint Depth / Tape Width mm	Tape Order Reference	Roll Length (m)
2	10	10 / 2	12.5
3	10	10 / 3	10
3	20	20 / 3	10
3 - 7	10	10 / 3-7	8
3 - 7	15	15 / 3-7	8
3 - 7	20	20 / 3-7	8
5 - 10	10	10 / 5-10	5.6
5 - 10	15	15 / 5-10	5.6
5 - 10	20	20 / 5-10	5.6
7 - 12	15	15 / 7-12	4.3
7 - 12	20	20 / 7-12	4.3
7 - 12	25	25 / 7-12	4.3
8 - 15	15	15 / 8-15	3.3
8 - 15	20	20 / 8-15	3.3
8 - 15	30	30 / 8-15	3.3
10 - 18	20	20 / 10-18	4.5
10 - 18	25	25 / 10-18	4.5
10 - 18	30	30 / 10-18	4.5
13 - 24	20	20 / 13-24	5.2
13 - 24	25	25 / 13-24	5.2
13 - 24	30	30 / 13-24	5.2
17 - 32	30	30 / 17-32	4
17 - 32	35	35 / 17-32	4
28 - 40	40	40 / 28-40	2.7

- The tape should be selected so that the roll width (joint depth) is at least equal to the tape thickness (joint width) in service.
- For applications outside of this instruction, please consult our sales office.

First Choice
Every Time

The Market
Leader

The Original
Compriband Tape

Part of the
i3 System

Never be without TP600

- 15 year performance guarantee
- BBA approved
- Thermal and acoustic insulation
- Available in anthracite and grey

TP600 remains the undisputed market leader in impregnated tapes. Manufactured by tremco illbruck, TP600 is the most versatile tape which continually expands and contracts to accommodate movement while still sealing the joints.



Tapes: Timber Frame

TP450

Compriband Timber Max



TP450 is a 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. TP450 has a self-adhesive side to aid initial location and is easy to apply in any weather. Additionally, TP450 has both thermal and acoustic insulation properties. TP450 is designed for use in a wide variety of movement joints up to 50 mm wide and can accommodate up to 37 mm of movement. Weather tight against the most severe combinations of wind and rain, it satisfies most expectations as an external weather seal in building and civil engineering applications, with particular suitability for sealing the head and cills of windows installed in timber frame construction. Extensively tested, TP450 has a proven reputation across both the UK and Europe.

Product Benefits

- Accommodates up to 37 mm of joint movement within a maximum 50 mm wide gap
- Weather seal for wind-driven rain but vapour permeable to allow for drying out
- Can accommodate differential movement on timber frame construction up to 5 storeys
- Seals effectively – no remedial visits or wet sealants
- Continually expands and contracts to accommodate movement whilst still sealing the joints
- Can be painted with commercially available vinyl emulsions

Colours

Anthracite

Size	Joint Width (mm)	Tape Width (mm)	Roll Length (m)
14 / 4 - 10	4 - 10	14	5.8
15 / 5-15	5 - 15	15	4.5
25 / 10-24	10 - 25	25	7.0
40 / 13 - 40	13 - 40	40	5.2
50 / 13 - 50	13 - 50	50	5.2

TP601

Compriband e



TP601 is a weather-retardant, impregnated, open cell, polyurethane soft foam, enclosed before use in a polypropylene film with a bonding adhesive on one side for fixing.

The tape is intended for the external, recessed perimeter sealing of windows and doors. The tear-off, encapsulating film permits the post-installation expansion of the foam strip, thus ensuring an effective weather seal.

Product Benefits

- Factory or site application with activation at any time
- 600 Pa weather resistance
- Applied before frame installation
- No hazardous waste or clean up

Colours

Foam sealing tape – grey (black available in size 3 - 7 mm)
Encapsulating film – clear
Adhesive release film – red

Nominal Joint Width (mm)	Maximum Joint Width (mm)	Metres / Carton
3	7	50
3	7	200
5	10	50
5	10	200
7	12	50
7	12	100

TP652

Compriband Trio Plus



TP652 Compriband Trio Plus is an open cell, pre-compressed, soft polyurethane foam impregnated with flame-retardant resin. The vapour diffusion properties are achieved by a dual density impregnated foam.

This multi-functional sealing tape has been developed to meet the increased air tightness demands of Passive Houses, new construction and refurbishment projects.

Product Benefits

- Large number of multi-functional uses (from Passive Houses to refurbishment projects)
- Approximately 80% time savings during assembly because one product is used for inner, intermediate and outer sealing
- Resistant to driving rain, thermally insulated and airtight
- Emission-free, suitable for indoor use (emission test in accordance with the AgBB/DIBt method)
- Modern management of dampness and vapour control

Colours

Anthracite
Interior: anthracite/grey with charcoal-grey powder

Passiv House~ Joint Gap (mm)	Joint Depth* (mm)	Roll Length (m)
6 - 10 (S)	58	8
6 - 10 (S)	66	8
6 - 10 (S)	77	8
6 - 10 (S)	88	8
8 - 15 (M)	58	6
8 - 15 (M)	66	6
8 - 15 (M)	77	6
8 - 15 (M)	88	6
10 - 20 (L)	58	5
10 - 20 (L)	66	5
10 - 20 (L)	77	5
10 - 20 (L)	88	5
15 - 30 (XL)	58	3
15 - 30 (XL)	66	3
15 - 30 (XL)	77	3
15 - 30 (XL)	88	3

Dimension tolerance in accordance with DIN 7715 P3.

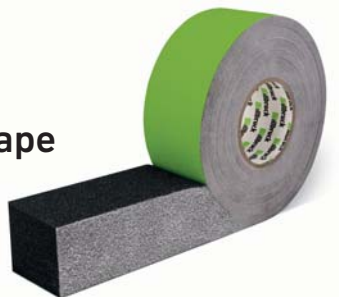
* Illbruck TP652 Compriband Trio Plus should completely fill the window depth less 2 mm set back to each face.

~ UV-resistant

For Domestic Applications

TP651

Trio Impregnated Tape



TP651 is an impregnated, pre-compressed multi-functional sealing tape. It is used for sealing the joints of windows and doors against driving rain and provides airtightness. It also offers thermal insulating properties within the perimeter gap between window and reveal and maintains the energy rating of the window/door.

Product Benefits

- Maintains the energy rating of the window
- Resistance to driving rain (600 Pa minimum), provides thermal and acoustic insulation and air tightness all in one product
- Quick and easy window sealing in one application
- All-weather installation
- Vapour permeable
- Meets the requirements of RAL-quality-assured installation

Colours

Anthracite. Internal face: powder coated, light grey

Joint Depth (tape width) - mm	Joint Width (tape thickness range) (mm)	Roll Length (m)
35	3 - 7	15.0
35	5 - 10	10.0
35	7 - 15	6.0

Intelligent Membranes

- Weathertight
- Airtight
- Vapour permeable



ME500

Duo Flexible Window Membrane



FIRST CHOICE FOR INTERNAL AIRTIGHTNESS

- ME500 is an intelligent membrane providing perimeter window seals for airtight internal & weathertight external joints. ME500 Duo Flexible Window Membranes (versions E & W) comprises a tear-proof woven fleece fabric with a polyethylene co-polymer film. An integrated movement pleat is included in the membrane which complies with the planning and installation recommendations of DIN 4108-7 and with the RAL Quality Assurance Association for windows and doors. It is attached to the wall with butyl adhesive, and to the window /door with a self-adhesive strip or an integral gasket. The product has a specially designed reactive membrane. The water vapour permeability (sd-value) changes depending on the humidity inside the joint. This allows the product to perform as an intelligent seal for airtight internal joints, and weathertight, permeable external joints. The intelligent reactive system ensures that the joint always dries at the maximum rate. In non-fenestration applications, the membrane can be used to seal across adjacent insulated panels as an airtight or weathertight seal.

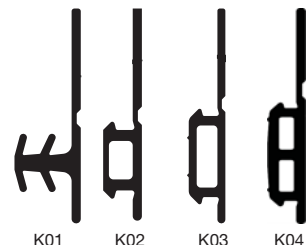
Product Benefits

- 10 year performance guarantee as part of the i3 system
- Weather seal for wind-driven rain
- Permeable – for vapour diffusion
- Airtight to Passive House standards

Colour

Grey

Width (mm)	Rolls per Carton	Metres per Carton
E 80 - 110	5	250
E 110 - 140	3	150
E 140 - 170	2	100
E 220 - 250	1	50
W 60 - 80	6	300
W 80 - 110	5	250
W 110 - 140	3	150
W 220 - 250	1	50



ME501

Duo Window Membrane HD



FIRST CHOICE FOR WEATHER SEALING PROJECTING WINDOWS - ME501 is a high strength, tear resistant membrane made from polyethylene copolymer film with woven fabric. It can be applied before or after window installation to suit on-site details and programming. It is also available with gasket options for fixing to profile. The product meets the recommendations of the RAL Quality Assurance Association for windows and doors. Successfully tested by MPA Hannover to EN1026 (airtightness) & EN1027 (weather tightness). The membrane is attached to the window with SP525 adhesive or gasket and to the construction reveal material with SP525 adhesive. ME501 provides a high performance seal to the perimeter joint between the window/curtain wall and the construction reveal. Due to the variable sd-value, the membrane is suitable for interior and exterior use and can provide an airtight or weathertight (but permeable) seal.

Product Benefits

- Complies with principle of 'inside tighter than outside' in order to facilitate efficient vapour control
- Excellent drying potential (due to the membrane's permeability) avoiding mould growth and physical damage
- UV stable - will tolerate up to 9 months direct exposure prior to covering
- Variable SD (Vapour Transmittance)

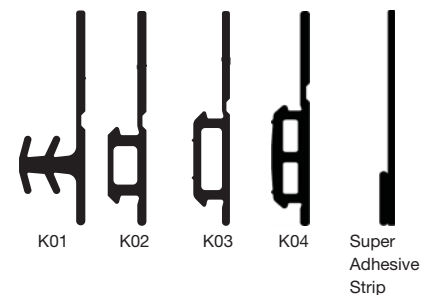
Packaging

- ME501 Duo Window Membrane HD is supplied on 25 m rolls.
- ME501 Duo Window Membrane HD slit to width: min. 60 mm – max. 1500 mm.
- Length Tolerances to DIN 7715 P3.
- Width dimensions to tolerance ± 2.5 mm.

Colour

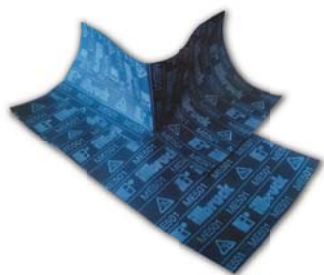
Black

Gasket Options



ME541

Duo HD Prefab Corner



ME541 Duo HD Prefab Corner provides a high performance seal for the corners of the perimeter joint between the window/ curtain wall and the construction reveal, especially for projecting windows. Due to the variable sd-value, the prefab corner is suitable for interior and exterior use and can provide an airtight or weathertight (but vapour permeable) seal.

Product Benefits

- Easy to use due to 3D shape formation of the corner
- Safe sealing of critical corner joints
- UV stable - will tolerate up to 9 months direct exposure prior to covering

Packaging

ME541 Duo HD prefab corner is supplied with 500 corners per box.

Colour

Black

EPDM & Butyl Membranes

- Watertight
- Airtight
- Suitable for permanent exposure

ME220

EPDM Membrane



ME220 is an EPDM-based membrane used for sealing interfaces to provide airtight or weather tight seals. The material does not contain any solvents which could later migrate into adjacent surfaces.

Product Benefits

- High resistance to mechanical damage
- Excellent movement capability in both transverse and longitudinal direction with excellent material recovery after elongation
- Excellent weathering, ageing and UV radiation resistance
- Excellent vapour barrier

Packaging

Membrane with embossed finish, wound on rolls and available in various widths. The membrane is available in different formats to suit required fixing method:

- Slit to required width and fixed with proprietary illbruck contact or paste adhesives.
- As above but with choice of gasket to locate to window/curtain walling frames.
- With acrylic and butyl self-adhesive strips for fixing to frame and construction substrate.*

* Available in 100 - 300 mm widths in 50 mm increments.

Roll length: 20 m (1st option above) or 25 m (2nd & 3rd options above)

Thickness 0.7 - 0.75 mm⁺

Width 50 - 1,500 mm

Cut rolls or full log 1,500 mm

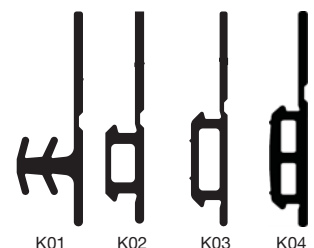
⁺ 1.2 mm also available subject to minimum order quantity

Standard width tolerance for cut dimensions approximately 1 mm, thickness tolerance approximately 10%.

Colour

Black

Gasket Options



K01

K02

K03

K04

ME402

Compriband Ali-Tape PB



ME402 Compriband Ali-Tape PB is a high performance sealant tape which consists of a quality plasto-elastic butyl rubber adhesive / sealant applied to one side of an aluminised polyester film. ME402 is intended for the internal and external sealing and repair of joints and overlaps in a wide variety of applications which includes amongst others shop fitting, facades, conservatories, air conditioning, and ventilation.

Product Benefits

- Air tight
- Tear resistant
- Weather and UV resistant
- Highly impermeable to water vapour and other gases
- Adheres without primer to many different substrates
- Simple, effective & easy to apply

Packaging

ME402 Compriband Ali Tape PB is available with a thickness of 1.2 mm in 25 m length rolls in the following widths: 50, 75, 100 and 150 mm.

Colours

Grey

ME407

Butyl Tape NT



ME407 is a cold, self-adhesive membrane for vapour, air and watertight joints between exterior wall sections and load-bearing structures. Used to make various joints and exterior wall sections internally vapour and airtight, externally watertight, and to create pressure equalisation in the exterior wall structure.

Product Benefits

- UV resistant film/backing
- Bonds to virtually all existing substrates
- Does not require preheating before or during application
- Provides permanent grip
- Stabilises unsound surfaces
- Improves weathersealing on porous substrates
- Quick drying
- Can be used down to -5°C

Packaging

Roll Width (mm)	Roll Thickness (mm)	Rolls/ Box
50	0.8	12
100	0.8	6
150	0.8	4
200	0.8	3
250	0.8	2
300	0.8	2
350	0.8	1

Colours

Black film, black butyl (grey also available)

Building Protection Range

- Internal airtight membranes system
- External weather and airtightness membranes
- System compatibility assured!

ME003

Vapour Barrier



ME003 is an innovative 3-ply co-extruded PE vapour barrier membrane meets virtually all the demands of professional practice and protects the construction and insulation by providing a vapour and airtight seal.

Product Benefits

- Straightforward application due to low weight
- Flexible and tear-resistant
- Highly vapour retardant
- Compatible with illbruck intelligent window membranes and adhesives

Packaging

1.5 m wide x 50 m long roll

Colour

Blue

ME011

Breather Membrane UV



ME011 is a special monolithic functional membrane. It can be directly laid on sheathing board or thermal insulation behind partially open rain screen façades or curtain walling with up to 30 mm wide open joints.

Product Benefits

- UV resistant – 6 months UV stable
- Can be used within partially open façades
- Non-branded, plain black finish - suitable for visible applications
- Wide range of in-service temperature resistance
- Highly vapour open

- Air-tight and weather-tight
- Available with self-adhesive strip

Packaging

1.5 m wide x 50 m long roll

Colours

Black

ME315

Total Protection Tape



ME315 is a single-sided adhesive tape for interior and exterior use, providing a high performing air and weather-tightness seal. Suitable for a wide variety of applications, including sealing of sheathing boards and the durable bonding of illbruck vapour barrier and breather membranes. A permanent bond is achieved on all tremco illbruck indoor and outdoor building protection membranes.

Product Benefits

- Fully compatible with all illbruck building protection products
- Interior and exterior use
- Quick and easy application
- Highly UV resistant
- Can be used within partially open façades
- Weather resistant

- Highly moisture resistant adhesive

Packaging

65 mm wide x 25 m long (12 rolls per box)

Colours

Black

ME316

Endurance Tape



ME316 is a single-sided adhesive tape for interior and exterior use providing a high performing air and weather-tightness seal. Suitable for a wide variety of applications, including sealing of sheathing boards and for the durable bonding of illbruck commercial vapour barrier, and breather membranes. Particularly suited for sealing of joints between timber panels to maintain long-term performance. A permanent bond is achieved on all illbruck building protection membranes and PE, PA, PP, aluminium foils, concrete, brick and block, aerated concrete and wood used to create an airtight seal.

Product Benefits

- Interior and exterior use
- 6 month UV stability and outdoor exposure
- Can be used in partially open facades – low visibility branding when installed
- Quick and easy application
- Soft fleece backing
- Excellent permanent adhesive bond strength to most common substrates

- Compatible with all illbruck building protection membranes

Packaging

60 mm wide x 25 m long (10 rolls per box)

Colours

Black

ME317

Internal Membrane Tape



ME317 is a single-sided adhesive reinforced paper tape. For the airtight bonding of overlaps in illbruck vapour barrier and membranes for interior use. Also for joints in OSB boards and as an air-seal tape for penetrations.

Product Benefits

- Fully compatible with all internal illbruck building protection products
- Strong kraft paper
- Easy to tear off by hand
- Quick and easy application

Packaging

60 mm wide x 40 m long (8 rolls per box)

Colours

Yellow

Adhesives

- Proven performance
- Cost effective
- User friendly

OT015

High Tack EPDM Membrane Adhesive



OT015 is a specially formulated high tack adhesive.

Product Benefits

- Permanent bonding of EPDM membranes
- Gap filling - ideal for uneven substrates

- Excellent resistance to weather and UV

Packaging

600 ml sausage (12/carton)

Colour

Black

OT008

Low Solvent EPDM Adhesive



OT008 Paste Adhesive is a special adhesive particularly suited for bonding ME220 & ME501 membrane onto porous substrates.

Product Benefits

- Compatible with styrene and PUR boards
- Fast and easy application
- Excellent joint strength

- Excellent resistance to ageing
- Good resistance to temperature changes and water

Packaging

600 ml sausage (12/carton)

Colour

Black

OT301

Endurance Adhesive



OT301 is an adhesive which is used, as part of the illbruck Building Protection Range, for creating airtight joints.

Product Benefits

- Very high, permanent adhesion
- Quick drying
- Very elastic, permanently flexible

Packaging

310 ml cartridge (20/carton)

Colour

Green

CT113

EPDM Membrane Adhesive



CT113 is a viscous contact adhesive based on synthetic rubber and resins.

- Excellent resistance to weather and UV

Packaging

4.7 kg pail

Colour

Black

Product Benefits

- Permanent bonding of EPDM membranes
- Rapid curing, high-grab formulation - cures in 20 mins

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

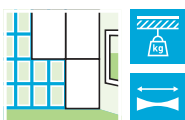
310 ml cartridge (12/carton)

Colour

Crystal clear

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.

Packaging

310 ml cartridge (12/carton)

Colours

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

Product Benefits

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

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 aluminum windows and doors. Bonded parts can be powder coated afterwards.

- Good weather resistance
- Easy to apply

Packaging

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

Colour

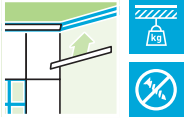
Resin: white-beige
Hardener: brown-beige
Cured film: beige

Product Benefits

- Solvent free
- Thixotropic - will not drip

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

The Outstanding Performer

Bonds • Seals • Fills



SP350 Fix & Seal High Tack is part of a range of superior adhesives, sealants, fillers and tapes manufactured by tremco illbruck, giving you the perfect choice to get the job done first time – no fuss, no hassle.

Sealants

- Innovative
- High levels of performance
- Excellent movement accommodation

SP525

Frame & Façade Sealant & Duo Membrane Adhesive



SP525 is a low modulus sealant and adhesive formulated using advanced SP polymer technology. It has high movement capability, excellent primerless adhesion and long-term performance. Ideal for: façade joints, rainscreens & curtain walls, perimeter joints around windows, doors & rooflights and high movement joints (eg. modular building).

Product Benefits

- Meets the requirements of EN ISO 11600 F 25LM
- Formulation based on advanced SP polymer technology
- High movement, rapid curing and non-staining formulation
- Excellent long-term resistance to weathering, ageing and UV
- Low modulus formulation ensures minimum strain at

joint faces

- Suitable as an adhesive for ME500 or ME501 intelligent membranes

Packaging

600 ml sausages (20/carton)

Colours

White, light grey, mid grey, concrete grey, anthracite, black, portland (light sandstone) and sandstone

SP925

Air Seal



SP925 is a one-component, low-viscosity sealant based on hybrid polymer technologies. It is chemically neutral, low odour and is compatible with most common building substrates.

Product Benefits

- Easy sealing of complex small joints
- Very easy to handle
- Brushable and sprayable
- Permanently elastic
- Fast curing
- Solvent, isocyanate and silicone free
- Can be applied to damp substrates

Packaging

600 ml sausage (20/carton)

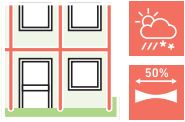
Colours

Anthracite

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, brown, grey, anthracite, pine. Other colours on request – subject to availability and minimum order quantity.

FA600

Frame Silicone



FA600 cures rapidly to form a permanently flexible and extremely durable watertight seal. It is designed for sealing: window & door perimeters, windows, display cases, etc., as well as conservatories & greenhouses.

Product Benefits

- Meets the requirements of ISO 11600-F&G-25LM
- Long-term resistance to weathering, ageing and UV
- Wide Service Temperature Range: -40°C to +120°C

Packaging

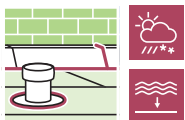
310 ml cartridge (20/carton)
600 ml sausages (20/carton)
subject to minimum order quantities.

Colours

Translucent, white, brown, grey and black. Other colours - subject to availability/minimum order quantity.

OS111

Bituminous Sealant



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

Product Benefits

- Can be applied to damp or wet 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

Foams

- High movement accommodation
- Provides thermal insulation
- Acoustic insulation to 60 dB

FM230 Pro Foam Window



FM230 is a one component, moisture curing, polyurethane foam which is gun-applied and is particularly suited for thermal and sound insulation around window and door frames.

Product Benefits

- Accommodates up to 35% movement
- Low post expansion
- Acoustic & thermal insulation

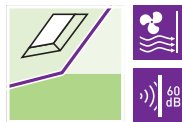
Packaging

750 ml pressurised canister (12/carton)

Colour

White

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

- Helps achieve UK Building Regulations Part L
- Bonds to most common building materials
- Applications include: roofs, walls and floors
- Airtight, thermal and acoustic insulation

Packaging

750 ml pressurised canister (12/carton)

Colour

White

Tapes & Profiles

- Specialist applications
- Problem solving
- Optimum performance

TN136

Security Glazing Tape PE



A closed-cell, double-sided PE foam tape with very high flexibility, used as a high performance security glazing tape.

Product Benefits

- A very cost-effective method of maximising security levels of externally beaded windows and doors.
- Securely bonds the glass unit into the frame making removal from outside virtually impossible
- Extensive testing and certification, including BBA accreditation

Standard Sizes

Thickness:
1, 2, 3, 4, 5 & 6 mm
Width: Cut to order

Adhesive

Double sided (DSX)

Colour

Black

Conformance

BBA Agrément Certificate
95/3199

TN550

Security Glazing Tape PVC DS



A high-performance, double-sided PVC foam tape used to provide high security glazing of externally beaded windows and doors.

Product Benefits

- A very cost-effective method of maximising security levels of externally beaded windows and doors
- Securely bonds the glass unit into the frame making removal from outside virtually impossible
- Extensive testing and certification, including BBA accreditation

Standard Sizes

Thickness:
2, 3, 4, 5, 6, 8 & 10 mm
Width: Cut to order
Adhesive
Double sided (DSX)

Colours

Black and white*
(*in 2 mm thickness only)

Conformance

BBA Agrément Certificate
95/3199

TN150**High Performance Bonding Tape**

A high-performance, double-sided bonding tape used for permanent mounting of glazing bars, signage, fixtures and panels, and industrial fabrication/assembly applications.

Product Benefits

- High tack pressure sensitive adhesive gives high instant grab and a strong permanent bond
- A non-invasive alternative to mechanical fixings, avoiding penetration or damage of mounting surfaces
- Quick and efficient to use – no odour, no drilling, no mixing, no waste

Standard Sizes

Thickness: 1 & 2 mm
Width: Cut to order

Colours

White and black

TN021**Foamed Acrylic Tape**

TN021 is made from a composition of viscoelastic acrylic copolymers and monomers with glass microsphere fillers which is then extruded and cured using UV light. The product is naturally tacky and is capable of forming structural bonds with many non-porous materials

Product Benefits

- Instant bond equivalent in strength to mechanical fixings
- Non-mechanical bonding – can support reduction in gauge thickness
- Achieves a constant, factory-controlled bond film thickness

Standard Sizes

Boxed quantities variable dependent on size. Contact tremco illbruck Customer Service Department for details.

Colours

White, dark grey and clear

TN220**Gapseal FR**

TN220 is a cost effective solution for stopping flexible gaps in fire rated building elements. It can accommodate any gap from 7 to 150 mm, even irregular joints. Useful in cable trunking because it allows addition or removal of cables without damaging the seal.

Product Benefits

- Fire rated for up to four hours in both horizontal and vertical joints
- Lightweight and easy to install
- Very flexible
- Usable in joints up to 150 mm wide
- Unaffected by water or moisture
- Maintenance free

Standard Sizes

1 m lengths

Colours

Black

PR104**Hydrospan System**

PR104 Hydrospan is a high performance, water tight expansion joint system comprising high strength durable foam together with a flexible damp resistant epoxy adhesive.

Product Benefits

- Provides 100% protection from ingress of water up to 10 m hydrostatic pressure
- Accommodates 100% shear movement and large multidirectional movement.
- No mechanical anchorage

Standard Sizes

Contact tremco illbruck Customer Service Department for details.

Colours

Available in Grey as standard. Other colours are available on request subject to minimum order quantity considerations.

Accessories

- Cleaners
- Primers
- Guns
- Tools

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.

Packaging

500 ml (12/carton)

Colours

Clear

Benefits

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

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.

Packaging

1 litre (12/carton)

Colours

Colourless

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

AT140

Primer for Porous Substrates



AT140 is used to give enhanced adhesion in cases of substandard substrates, or where significant movement is anticipated.

Packaging

500 ml (12/carton)

Colours

Beige

Benefits

- Provides enhanced adhesion of illbruck hybrid sealants and adhesives
- Rapid drying and easy to use

AT150

Primer for Non-Porous Substrates



AT150 is used to give enhanced adhesion in cases of substandard substrates, or where significant movement is anticipated.

Packaging

500 ml (12/carton)

Colours

Beige

Benefits

- Provides enhanced adhesion of illbruck hybrid sealants and adhesives
- Rapid drying and easy to use

ME901

Butyl & Bitumen Primer



ME901 Butyl & Bitumen Primer is a brush applied polymer solution. It is used as a pre-treatment bonding agent and primer when working with illbruck butyl and bitumen tapes and membranes.

Product Benefits

- Improves tape / membrane adhesion on cold or damp surfaces
- Stabilises unsound surfaces
- Improves weathersealing on porous substrates
- Quick drying
- Can be used down to -5°C

Packaging

1 litre (12 per carton) and 5 litre tins

Colours

Transparent

ME902

Butyl & Bitumen Spray Primer



ME902 is a spray applied polymer solution that serves as a bonding agent and primer for the application of illbruck membranes incorporating butyl and bitumen adhesives.

Product Benefits

- Easy spray application
- Improves tape / membrane adhesion on cold or damp surfaces
- Stabilises unsound surfaces
- Improves weathersealing on porous substrates
- Quick drying

Packaging

500 ml aerosol can (12 per carton)

Colours

Transparent

ME904

Adhesive Tape Primer



ME904 is used for the pre-treatment of building substrates, e.g. cement particle board, masonry, timber, etc., when using illbruck building protection tapes, particularly for bonding to damp substrates.

Product Benefits

- Optimises adhesion
- Stabilisation of the surface
- Short drying time
- Solvent free
- Allows use of illbruck building protection tapes in damp conditions

Packaging

1 litre tin

Colours

White on application, transparent after drying

Guns

AA834

Cartridge Gun 400 Standard


1.2 kN

Ratio 7:1



This standard cartridge gun has an excellent combination of price and quality. For small and non-regular projects, it's an ideal gun to use.

Specification

Auto Pressure Release	No
Soft Grip	No
Handle Material	Epoxy coated aluminium
Frame Material	Epoxy coated steel

Item N°	Suitable for	Dimensions
351429	310 -400 ml cartridges	368 x 187 x 54 mm

AA936

Sausage Gun 600 Standard


1.5 kN

Ratio 10:1



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.

Specification

Auto Pressure Release	No
Soft Grip	No
Handle Material	Glass reinforced nylon
Barrel Material	ABS polyer

Item N°	Suitable for	Dimensions
342804	600 ml sausages	486 x 203 x 69 mm

AA270

Foam Gun Ultra


2 yr Warranty

>300 K







This ultra-high quality gun has been specially designed for the professional end-user. The hybrid design, with metal and thermoplastic material parts is solvent and stick proof. A PTFE coating on metal parts makes cleaning and maintenance easier. We recommend this gun for use with our professional PU and water based foams such as FM330, FM350, FM355 and JF100.

Specification

Positioning	Premium duty
NBS Seal	Yes
PTFE Skin	Yes - adapter, rod, body and nozzle
Frame Material	Hybrid
Unscrew Lock	Yes
Soft Grip	Yes

Item N°	Suitable for	Dimensions
342226	All 1K NBS foams	350 x 210 x 50 mm

For our complete range of guns, please refer to the illbruck Application Gun Range Brochure.

Key				
	## kN	Max Force		# yr Warranty
	Ratio #:#	Extrusion Ratio		# K Performance Span

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)

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 from expanding.

Packaging

2 pc set

AB007

Tape Roll Clips



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

Packaging

Individual units

SEAM ROLLER

Membrane 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

Other Products

AW421

Industrial Cleaner



AW421 is a powerful solvent-based cleaning solution for dissolving and removing mastics, adhesives and sealants. AW421 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

FF197

Gun Grade, Fire Rated, PU 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

- Certified to the latest British and European standards EN 1366-4, DIN 4102 Pt 1 (B1) and EN 13501: Pt 2
- Cures to form a semi-rigid foam that is able to accommodate some degree of movement of the joint
- Acts as an effective fire seal for up to 4 hours (BS EN 1366-4) when used with Nullifire M701 intumescent acrylic or M703 silicone sealant

Packaging

750 ml pressurised canister (12 per box)

Colour

Grey

FS703

Solvent Free, Fire Resistant Silicone Sealant



Fire resistant seal for high movement joints. For internal and external 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
- Accommodates up to 20% movement
- Suitable for gaps up to 50 mm wide
- Excellent unprimed adhesion
- Slump free with a long service life
- Seal ratio at 2:1 (10 mm width x 5 mm depth)

Packaging

310 ml cartridges (12 per box)
600 ml sausages (12 per box)

Colours

White and grey

FS705

Intumescent Sealant



Nullifire FS705 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 2 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 British and European standards EN 1366-3 and EN 13501-2:2007
- Provides an effective barrier to the spread of smoke and fire for up to 2 hours
- Excellent toolability and low slump characteristics. No special tools required.
- Suitable for a wide range of penetrating items and substrates

Packaging











310 ml cartridges (12 per box)

Colour

Grey

Glossary

Benefits

	Acoustic Insulation to 60 dB		Below Grade Use		MAF (e.g. 25%)		Weather Resistant
	Air Tight		Elastic		No Fixings Required		
	BBA Accredited		Fast Cure		Strong		

Certifications

ift

(Institute for Window Technology e.V.) ift Rosenheim is an internationally renowned, scientific services company for the window & façades industry.

ift Rosenheim focus on the verification of fitness for use, dependent on intended use, of the servicable components of the building's fabric.



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.



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).



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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