

Product Catalogue

For Windows
& Façades



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.





- 04 Service and Support
- 06 The Faster Way to the Right Solution
- 08 The i3 System

Products

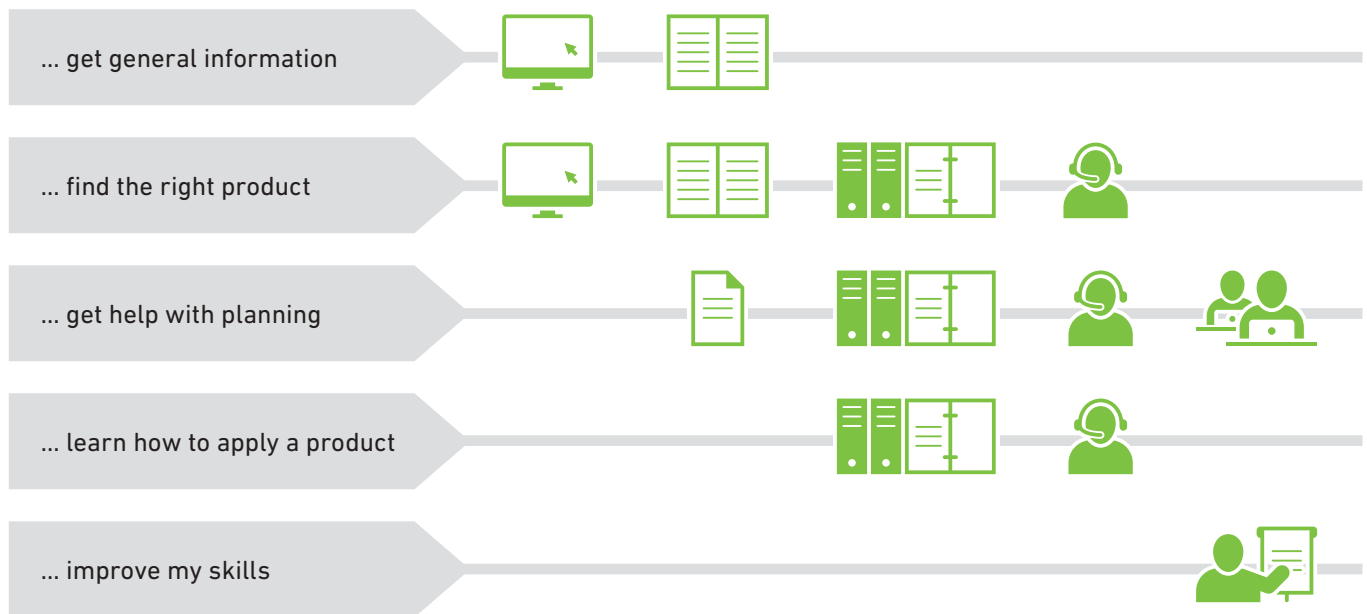
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Service and Support

Quick assistance when you need it

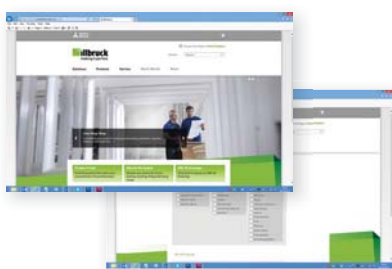
Targeted services provide answers to all your questions - quickly, simply and for every phase of your project. Use the following overview to find the right service point for your queries.

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



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

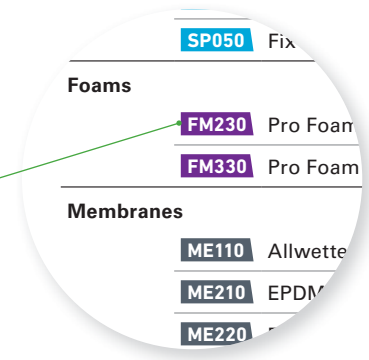
In the picture - Faster Clear and informative packaging design

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.

Product datasheet



Product overviews in brochures



Area of application

Simple pictograms explain where to apply the product.

Online product search



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.

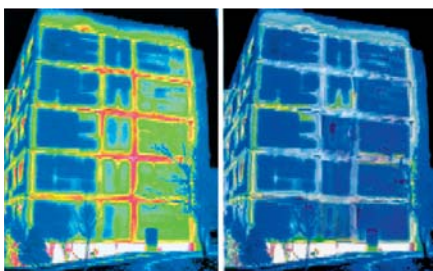
A typical example of the i3 system comprises of:

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!

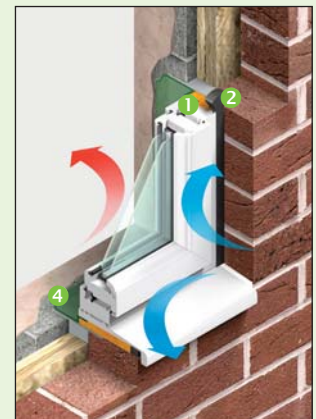
Provides . . .

-  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.

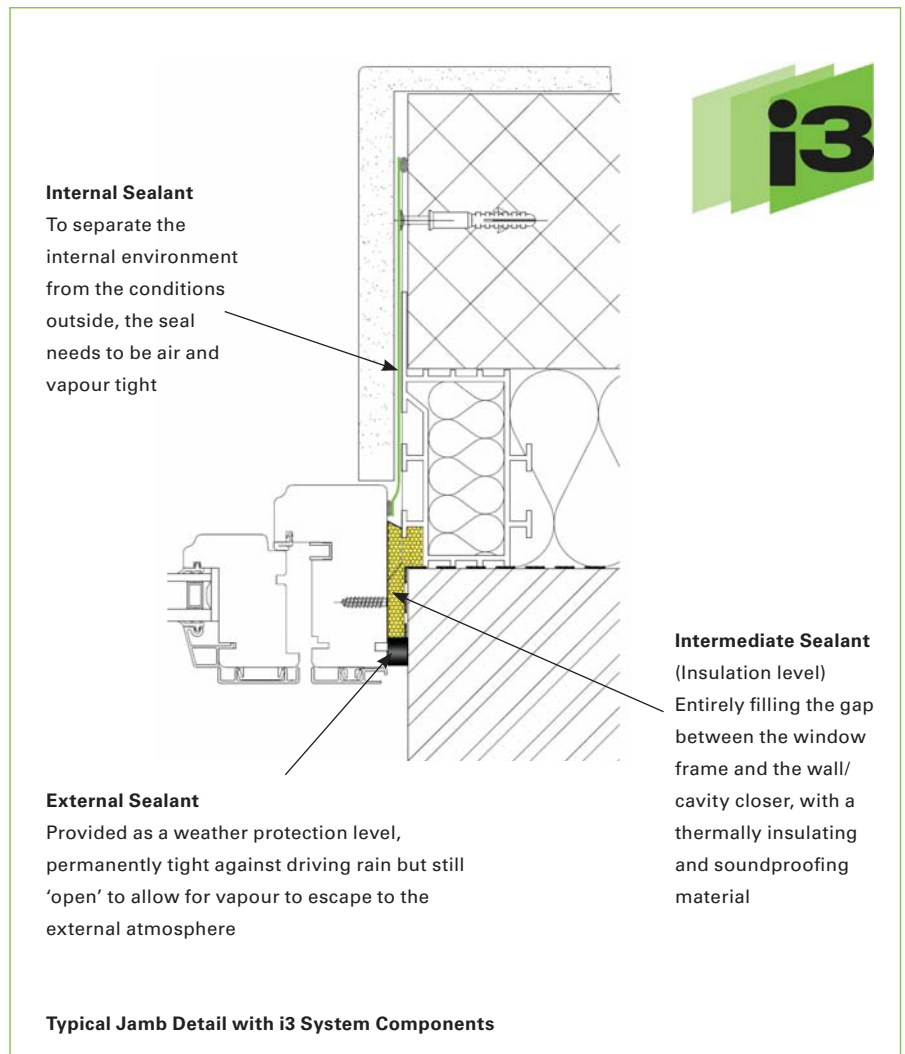
10-year “i3” performance guarantee*

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

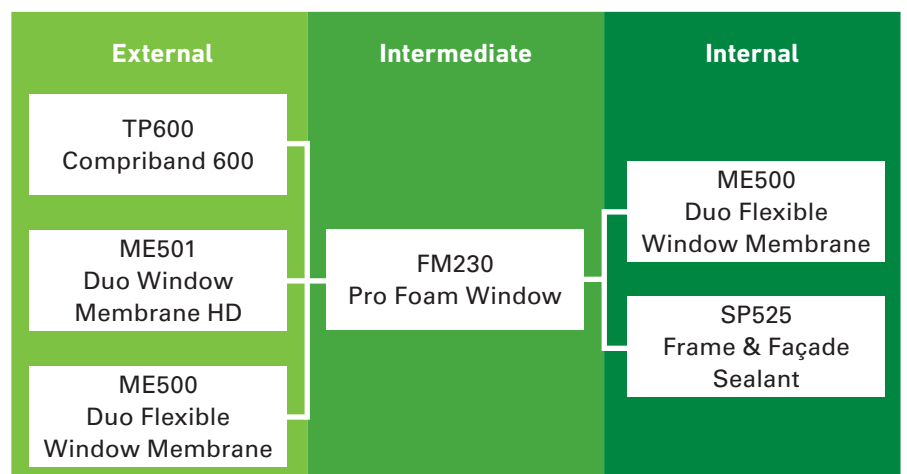
BBA Accreditation

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



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.



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

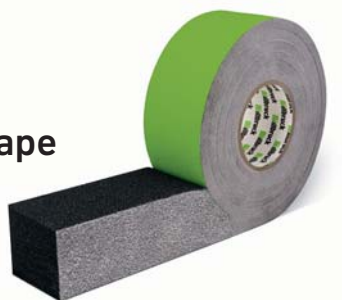
- Factory or site application with activation at any time
- 600 Pa weather resistance
- Applied before frame installation
- No hazardous waste or clean up

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

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

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

TP446

Compriband Super FR



TP446 Compriband Super FR is an acrylic impregnated foam sealant strip which when used under compression by 80% provides a fire seal for up to 4 hours in accordance with BS 476 Part 20 or for longer periods when used in conjunction with Nullifire M701 acrylic sealant or Nullifire M703 silicone sealant (please contact the sales office for configuration details). At 80% compression the product also provides a high performance weatherseal (>600 Pa). The product remains flexible throughout its life and responds to continual expansion and contraction cycles caused by thermal and structural movement. TP446 Compriband Super FR is designed to be used for the linear sealing of movement joints in brick, stone and cementitious building elements for example in walls, partitions, around window and door frames, sectional buildings and insulated cladding panels.

Product Benefits

- Tested in accordance with BS476 part 20/22
- Clean and easy to apply
- FR (Fire Rated) Seal for movement joints
- Internal & external applications
- Seals rough and irregular joints
- Dry applied seal - no curing time

Colours

Grey

Size	Gap Size (mm)	Recommended Tape Width/Joint Depth (mm)	Expanded Thickness (mm)	Roll Length (m)
2	2	40	10	8
3	2-3	40	15	6
4	3-4	40	20	6
5	4-5	40	25	4
6	5-6	40	30	4
8	7-8	40	40	4
10	9-10	40	50	4
12	10-12	40	60	4
16	14-16	40	80	3
20	17-20	50	100	3
25	22-25	60	125	3

All dimensions are subject to tolerances. If dimensional tolerances are of particular interest please consult the sales office.

TP021

Compriband Roller Shutter Box Tape



TP021 Compriband Duo RK is an impregnated, pre-compressed multi-functional sealing tape. It provides air-tightness and thermal insulation in window perimeter joints, with vapour-permeable sealing properties based on the principle of "vapour diffusion tighter on the inside than the outside". The different vapour diffusion properties are achieved by an increased compression on the inside section of the tape. TP021 can be used in new construction and renovation. It is specially developed for sealing the joints of roller shutter boxes.

Product Benefits

- Defined thermal insulation with a U-value of 0.3 W/m²k
- Provides insulation and inner airtight seal
- Meets the requirements of LZM RAL 2010 - "inside tighter than outside" with respect to water vapour diffusion

- No impairment of the box geometry (roller shutter application)

Colour

Anthracite

Joint Depth (mm)	Joint Thickness (mm)	Roll Length (m)	Quantity per Box (m)
135	7 - 12	5	20
185	7 - 12	5	20
250	7 - 12	5	20
135	13 - 24	5	5
185	13 - 24	5	5
250	13 - 24	5	5

TP320

Compriband Duo Eco



TP320 Compriband Duo Eco is an impregnated pre-compressed multifunctional sealing tape which has been developed for use as an airtight internal barrier while providing thermal insulation for the entire installation depth in the connection joint between wall and window or door. Due to the higher compression on the inside, a higher water vapour resistance is achieved compared to the outside. TP320 is used in covered joints such as check reveals where the additional exterior weather protection is also including UV protection.

Product Benefits

- Defined U-value for the entire installation depth
- Follows the RAL Guideline LZM 2010 "more water vapour resistant inside than outside"
- Time saving by installing airtight barrier and insulation
- New and unique fold design, makes installation easier by wedge profile

Colour

Anthracite

Frame Size (mm)	Application Area (mm)	Roll Length (m)	Quantity per Box (m)
60	5-10	20	60
60	7-15	13	39
60	10-20	10	30
60	15-30	6.5	19.5
70	5-10	20	40
70	7-15	13	26
70	10-20	10	20
70	15-30	6.5	13
80	5-10	20	40
80	7-15	13	26
80	10-20	10	20
80	15-30	6.5	13
90	5-10	20	40
90	7-15	13	26
90	10-20	10	20
90	15-30	6.5	13

TP605

Compriband Super



TP605 Compriband Super is an acrylic impregnated foam sealant strip which when used under compression by approximately 80% provides a high performance weatherseal (>600 Pa). After positioning, the material expands to find its own level and creates a permanent elastic seal. TP605 Compriband Super is designed for use internally or externally for the linear sealing of movement joints in a wide variety of construction and civil engineering applications, for example in brick and block work walls, partitions, as a perimeter seal around window and door frames, sealing pre-cast concrete panels, sectional buildings and insulated cladding panels.

Product Benefits

- Excellent weather resistance – over 600 Pa
- Permanently flexible & vapour permeable
- In-service life expectancy > 25 years

Colours

Anthracite

Size	Gap Size (mm)	Recommended Tape Width/Joint Depth (mm)	Expanded Thickness (mm)	Roll Length (m)
10/2	2	10	8	12.5
10/3	3	10	11	10.0
15/4	4	15	17	8.0
15/5	5	15	22	6.6
15/6	6	15	26	5.6
20/8	8	20	35	4.3
25/10	10	25	44	3.3
30/12	12	30	55	6.5

All dimensions are subject to tolerances. If dimensional tolerances are of particular interest please consult the sales office.



TP680

Compriband Green



TP680 is an open cell, impregnated polyurethane foam that contains a large percentage of recycled raw material. TP680 is for the rain-tight sealing of joints in both high and low rise buildings. TP680 is used for sealing joints in frame and façade construction.

Product Benefits

- Contains recycled raw material (DIN CERTCO certified)
- BG1 in accordance with DIN 18542
- EMICODE® EC1Plus certified - very low emission Plus

- Vapour permeable
- Single sided adhesive for accurate positioning

Colours

Anthracite & grey

Joint Width / Tape Depth (mm) ?	Metres per Roll	Metres per Carton
10/2	12.5	137.5
15/2	12.5	87.5
10/3	10	110
15/3	10	70
20/3	10	50
15/3-7	8	56
20/3-7	8	40
15/5-10	5.6	39.2
20/5-10	5.6	28
15/7-12	4.3	30.1
20/7-12	4.3	21.5
20/8-15	3.3	16.5
25/8-15	3.3	13.2
20/10-18	4.5	45
25/10-18	4.5	36
30/10-18	4.5	27

Intelligent Membranes

ME500

Duo Flexible Window Membrane



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.

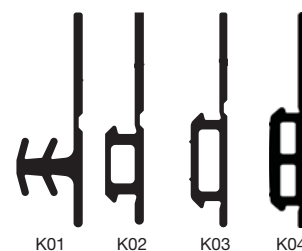
Product Benefits

- 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



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

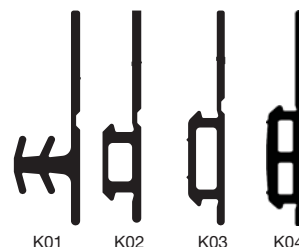
Packaging

- 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

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

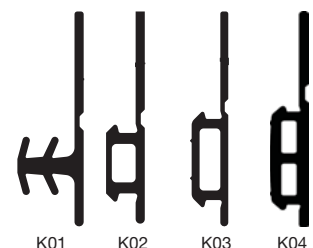
[†] 1.2 mm also available subject to minimum order quantity

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

Colour

Black

Gasket Options



K01

K02

K03

K04

Membranes

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

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

Adhesives

CT113

EPDM Membrane Adhesive



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

Packaging

4.7 kg pail

Colour

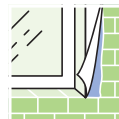
Black

Product Benefits

- Permanent bonding of EPDM membranes
- Rapid curing, high-grab formulation - cures in 20 mins
- Excellent resistance to weather and UV

OT015

High Tack Membrane Adhesive



OT015 is a specially formulated high tack adhesive.

Packaging

600 ml sausage (12/carton)

Colour

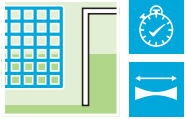
Black

Product Benefits

- Permanent bonding of EPDM membranes
- Gap filling - ideal for uneven substrates
- Excellent resistance to weather and UV

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.

Product Benefits

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

Packaging

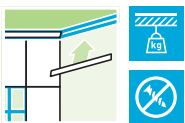
310 ml cartridge (12/carton)

Colours

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

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

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.

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

Sealants

SP525

Frame & Façade Sealant



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

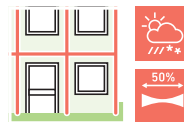
400 ml sausages (25/carton)
600 ml sausages (20/carton)

Colours

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

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.

Sealants

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

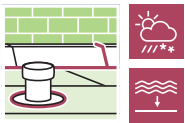
310 ml cartridge (20/carton)
600 ml sausages (20/carton)
subject to minimum order quantities.

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

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

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 DSX



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

TN550**Security Glazing Tape PVC DST**

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 range

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

Adhesive

Double sided (DST)

Colours

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

Conformance

BBA Agrément Certificate
95/3199

TN111**Trim Mounting Tape**

A closed-cell, double-sided PE foam tape used for bonding lightweight trim and flashing around windows, doors and similar interior applications.

Product Benefits

- A quick and easy way to bond lightweight trim and flashing – gives an instant bond with no curing time
- High quality PSA adhesive bonds to almost all plastic surfaces to give a strong, permanent bond

Standard Sizes

Thickness: 1 & 2 mm
Width: 10, 12, 15, 25, 20 & 25 mm

Colours

White and black

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

TN131

Sealing Tape PE33



A closed-cell, single or double sided PE foam tape with very high conformability, used as a spacer tape between dissimilar metals, or where absorption of vibration, shock or expansion/contraction are required.

Product Benefits

- Excellent Insulation performance against shock, vibration and movement
- Provides a barrier to thermal bridging, galvanic corrosion and acoustic transmission
- Easy to use - no specialist tools or equipment required

Standard Sizes

Thickness:
2, 3, 4, 5, 6 & 8 mm
Width: Cut to order
Also available as 1 mm (TN134)

Adhesive

Single (SSP) or double (DSP) sided

Colour

Black

TN553

Sealing Tape P115



A single-sided PVC foam tape with high conformability, used as an insulation tape to absorb vibration/shock, as an acoustic seal, or when under 30% compression, as a weather seal.

Product Benefits

- Highly conformable grade of tape that easily accommodates rough or uneven joint surfaces
- Excellent insulation performance against shock, vibration and movement
- Provides a barrier to thermal bridging, galvanic corrosion and acoustic transmission

Standard Sizes

Thickness: 6 & 12 mm
Width: Cut to order

Adhesive

Single sided (SST)

Colour

Black

TN563

Sealing Tape P235



A single or double sided PVC foam tape which can be used either uncompressed (as an acoustic or dust seal), or 30% compression (as an air or weather seal).

Product Benefits

- Excellent insulation performance against shock, vibration and movement
- When under compression (30%), provides an effective weather seal against wind and rain
- Provides a barrier to thermal bridging, galvanic corrosion and acoustic transmission

Standard Sizes

Thickness:
2, 3, 4, 5, 6, 8 & 10 mm
Width: Cut to order

Adhesive

Single sided (SSX) or double (DSX) sided

Colours

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

TN573

Sealing Tape P275



A single or double sided PVC foam tape which can be used either uncompressed (as an acoustic or dust seal), or 30% compression (as an air or weather seal).

Product Benefits

- Excellent insulation performance against shock, vibration and movement
- Provides an effective weather seal against wind and rain, even under minimal levels of compression
- Provides a barrier to thermal bridging, galvanic corrosion and acoustic transmission

Standard Sizes

Thickness: 1 mm
Width: Cut to order

Adhesive

Single (SSX) or double (DSX) sided

Colours

Black and white

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.

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)
25 litre poly bottle

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

Accessories

CARTRIDGE GUN

Cost Effective
Skeleton Gun



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

Packaging

Individual units

600 ML SAUSAGE GUN

Application Gun for
600 ml foils



High quality barrel gun for application of 400 ml and 600 ml foil sausages.

Packaging

Individual units

SOFT GRIP GUN

PU Foam Applicator



A superior quality applicator gun engineered for maximum comfort with an ergonomic hand grip. Ideal for frequent / professional users and incorporates a flow regulator and safety control.

Packaging

Individual units

CLIPS

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

SHEARS

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

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

AW414

Mild Cleaner

AW414 is a mild cleaning solvent that is compatible with many sealants and primers. It is ideal for cleaning coated glass, plastic and painted substrates where more aggressive products are unsuitable.

Packaging

2.5 litre cans, 25 litre cans and 205 litre drums.

Colour

Clear

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

880 ml pressurised canister (12 per box)

Colour

Grey

M703

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

M705

Intumescent Sealant



Nullifire M705 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

Product Selector

Impregnated Foam Tapes

TP021	Compriband Roller Shutter Box Tape
TP320	Compriband Duo Eco
TP446	Compriband Super FR
TP450	Compriband Timber Max
TP600	Compriband 600
TP601	Compriband e
TP605	Compriband Super
TP651	Trio Impregnated Tape
TP652	Compriband Trio Plus
TP680	Compriband Green

Intelligent Membranes

ME500	Duo Flexible Window Membrane
ME501	Duo Window Membrane HD
ME501	Duo HD Prefab Corner

EPDM & Butyl Membranes

ME220	EPDM Membrane
ME402	Compriband Ali-Tape PB
ME901	Butyl & Bitumen Primer
ME902	Butyl & Bitumen Spray Primer

Adhesives

CT113	EPDM Membrane Adhesive
OT015	High Tack Membrane Adhesive
PU038	Corner Cleat Adhesive
SP030	Fix & Seal Crystal
SP050	Fix & Seal Universal
SP350	Fix & Seal High Tack

Sealants

FA600	Frame Silicone
FS500	Frame & Façade Silicone
OS111	Bituminous Sealant
SP525	Frame & Façade Sealant

Foams

FM230 Pro Foam Window

FM330 Pro Foam Air Seal

Tapes

TN111 Trim Mounting Tape

TN131 Sealing Tape PE33

TN136 Security Glazing Tape PE

TN150 High Performance Bonding Tape

TN550 Security Glazing Tape PVC

TN553 Sealing Tape P115

TN563 Sealing Tape P235

TN573 Sealing Tape P275

	Window Installation					Façade Construction					Interior Work					Exterior Work							
	Brick & Block	EIFS (External Insulated Façade System)	Met Sec (Metal Frames with Boards)	Timber Frame	Check Reveal	Brick/Block	Curtain Wall	Glass Façades	Precast Concrete	Rain Screen Cladding	Stone Cladding	Construction Joints	Decorating/Finishing	Drywalling/Panelling	Sanitary Applications	Woodworking	Specialist Applications	Roofs/Gutters	Landscaping	Signage	Trafficable Joints	Woodworking	Specialist Applications
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Glossary

Benefits



Acoustic Insulation to 60 dB



Air Tight



BBA Accredited



Below Grade Use



MAF (e.g. 25%)



Weather Resistant

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 4001 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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