

# ***FR MEMBRANE RANGE***

***FAÇADE  
BUILDING  
PROTECTION***





IF YOU ARE LOOKING FOR SUPPORT OR GUIDANCE ON HOW TO SPECIFY ILLBRUCK PRODUCTS, WE'RE HERE TO HELP. OUR SPECIFICATION TEAM ARE ON HAND TO SUPPORT AT EVERY STAGE OF YOUR CONSTRUCTION PROJECT. WE UNDERSTAND THE IMPORTANCE OF FINDING THE BEST VALUE, LOWEST RISK SOLUTION WHICH EXCEEDS YOUR PROJECT REQUIREMENTS.

# 12,000+

## HIGH RISE BUILDINGS TO BE PROTECTED

With the number of high-rise residential and publicly owned buildings increasing across the UK. Along with changes to regulations - illbruck is in prime position to support main contractors and architects with compliant, compatible and tested façade building protection products.

# OUR VISION, MISSION AND VALUES

## Protecting Buildings Across The UK

When selecting façade building membranes for projects across the UK - architects, specifiers and main contractors should take extra precautions to ensure that the correct system is selected.

Regulatory updates to Approved Document B (for England and Wales) are now in force, meaning that any membranes applied to the external walls should achieve a minimum fire classification of B-s3, d0 in accordance with EN 13501-1 for relevant, complex, or high-risk buildings across England & Wales.

Whilst it is important to remember that membranes are not designed to be fire-stopping material or fire breaks and as such are also not currently required to achieve a Class A1 or A2,s1, d0 rating – any membrane installed should meet the requirements of the relevant national Building Regulations.

Our range of fire-rated (FR) breathable membranes and v vapour control layers allow designers to optimise the weather protection and level of air tightness confidently using a range of solutions from illbruck, to meeting even the most demanding applications where fire safety is critical.

## Our Mission

Illbruck, a true construction products manufacturer, offers a range of membranes that exceed current building regulations. Ensuring our customers can confidently specify and install fully certified and independently tested systems.

Our mission is to empower you with relevant information to support you in your product selection process.



## Technical Support

From on-site support to a quick email answering your enquiry, our team are here to help.



## Specification Services

Standard NBS specifications through to bespoke project specifications - we're here when you need us.



## Compatible Solutions

All products are rigorously tested for compliance and compatibility - we pride ourselves on our testing.



## Customer Service

A member of our team is always around to help - simply visit [www.illbruck.com](http://www.illbruck.com)



# MAKING PRODUCT SELECTION SIMPLE


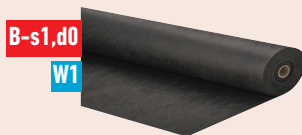







## FAÇADE BUILDING PROTECTION RANGE



A COMPLIANT, COMPATIBLE AND TRUSTED RANGE OF FR FAÇADE MEMBRANES FROM A SINGLE SOURCE SUPPLY

### IN SITU APPLICATION

Check out our FR Breather Membrane (White) application in the above picture.

| WINDOW SEALING MEMBRANES                 |   | FAÇADE BREATHER MEMBRANE           |  | AVCL<br>AIR & VAPOUR CONTROL LAYER |  | MEMBRANE ACCESSORIES              |  |
|--|---|------------------------------------|--|------------------------------------|--|-----------------------------------|--|
| FR WINDOW SEALING MEMBRANE (ME010)       | <br>BBA<br>B-s1,d0 W1+ | FR BREATHER MEMBRANE BLACK (ME014) | <br>B-s1,d0 W1   | FR AVCL (ME060)                    | <br>A2-s1, d0 | FR MEMBRANE ADHESIVE TAPE (ME355) | <br>A2-s1, d0*<br><small>*When used as part of a system</small> |
|  |   | FR BREATHER MEMBRANE ALU (ME050)   | <br>A2-s1, d0 W1 |                                    |  | FR MEMBRANE ADHESIVE (SP025)      | <br>B-s1,d0   |
| FR WINDOW SEALING BUTYL MEMBRANE (ME480) | <br>B-s1,d0 W1+        | FR BREATHER MEMBRANE WHITE (ME055) | <br>A1 W2       |                                    |  | TOTAL PROTECTION TAPE (ME315)     |   |

Whether it's a window sealing membrane, a façade breather membrane, or an AVCL - here at illbruck, we understand the need to be able to quickly identify the solution you're looking for. Architects and main contractors across the UK can now rest assured that they can get the right solutions for upcoming projects from a single source solution.

Use our handy chart above, or contact our team who can advise you on the right membrane for your specific application.

Products designed to meet the highest level of fire protection

### A Refreshed Approach to Product Naming

As our brand evolves, so does our naming convention - moving forward you will become more accustomed to our descriptive naming. You will see this through our literature, our websites, and how our team communicates. Rest assured, our products are still the same - we have just decided to talk in a slightly different way.

# WINDOW SEALING MEMBRANES

**CLASS B, FAÇADE BUILDING PROTECTION**



**THE ONLY FR FAÇADE BUILDING PROTECTION RANGE WHICH YOU CAN RELY ON.**

## IN SITU APPLICATION

Check out illbruck FR Window Sealing Membrane in the above picture.

The illbruck window sealing membrane range has been meticulously designed to offer a paralleled selection of advanced and innovative sealing products, featuring fire-classified EPDM alternatives.

These solutions can be used to create a water and airtight seal around windows, doors, curtain walling systems, SFS sections to concrete frames, and balcony details.

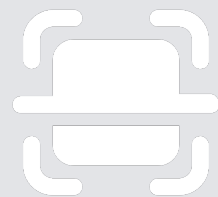
The products featured within this range host third-party approvals, superior durability, and flexibility, as well as ease of application. Our systems have been designed in line with industry standards and are accepted by the major acceptance bodies across the UK.



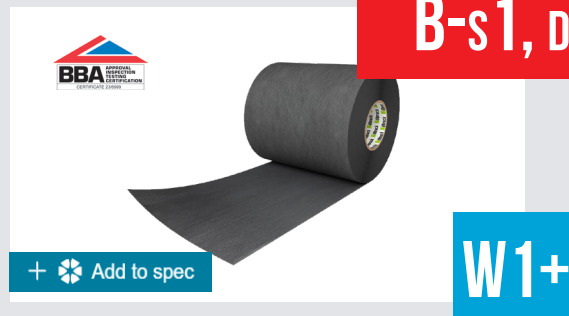
## Did you know?

*ME480 is accepted by the NHBC as a preferred method of sealing low thresholds where there is a risk of standing or ponded water exposure.*

**SCAN THE QR CODE FOR MORE INFORMATION**



**B-s1, d0**



+ Add to spec

**W1+**

## FR WINDOW SEALING MEMBRANE

- Class B-s3, d0 or B-s1, d0 when bonded with SP025 Adhesive
- Permanently UV-resistant
- Highly water resistant, exceeds W1
- Air and weathertight
- Pass – 2 kPa for 24 hours
- Multiple widths available
- SKU - ME010



**B-s1, d0**



+ Add to spec

**W1+**

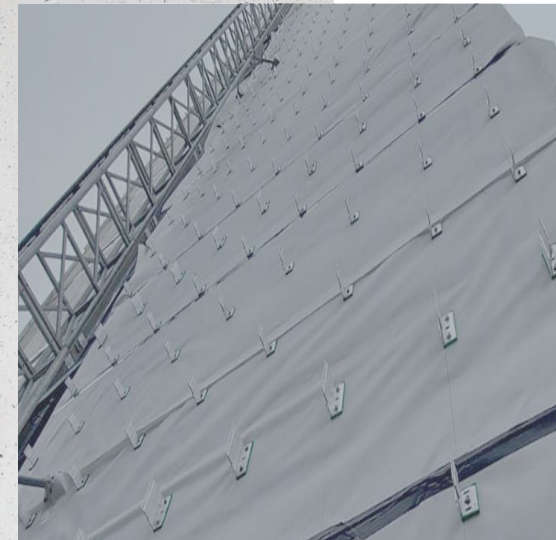
## BUTYL FAÇADE SEALING TAPE

- Class B-s1, d0
- Suitable for low thresholds and balcony details, where there is risk of standing water is prevalent.
- Aluminium foil finish with a siliconised release liner
- Both aluminium foil and the butyl adhesive layer are UV-resistant
- Very high vapour and water resistance
- Accommodates movement
- Pass – 2 kPa for 24 hour
- SKU - ME480



**Products designed to meet the highest level of fire protection**





**IN SITU APPLICATION**  
Check out our FR Breather Membrane (White) application in the above picture.

# FAÇADE BREATHER MEMBRANES

**FAÇADE BUILDING PROTECTION RANGE**



**A CERTIFIED FR FAÇADE BUILDING PROTECTION RANGE WHICH YOU CAN RELY ON.**

In the UK, BS EN 13501-1, has become the standard reference in the Building Regulations for classifying the minimum reaction to fire performance for all building materials used in the external envelope of a building.

For a relevant building in England and Wales, the current Building Regulation requires that the materials that become part of an external wall area be Euroclass A2-s1, d0, or A1.

As the façade plays a critical function within the design of a building, it is always the recommendation of illbruck that architects and specifiers use a system that is compliant with UK Building Regulations.

Our recently launched range of FR membranes ensures that there is a suitable solution for all applications - all available from a single source supplier.

Experts in the field of facades, with over 75 years of experience, the illbruck team is on hand to support

your project enquiries or provide on-site technical and installation training where required.

With the ability to offer main contractors and architects the choice between three Class A products, all of which protect to building façades. We understand the importance of the current Building Regulations and the future impact they will have on the design and specification of high-rise buildings.

All of our Class A products have been tested in line with the industry standard, BS EN 13501-1.



## Did you know?

Illbruck's FR Breather Membrane (Black) is a vapour permeable polyester, airtight and watertight breather membrane used as a traditional façade breather membrane.



**FR BREATHER MEMBRANE (BLACK)**

- Reaction to Fire Class B-s3, d0 or B-s1, d0 when bonded with SP025 FR Adhesive
- Permanently UV-resistant
- Highly water resistant, exceeds W1
- Breather (vapour-open)
- Ideal for open or partially open façades
- Airtight and weathertight
- 75m<sup>2</sup> (1.5m x 50m)
- SKU - ME014



**FR BREATHER MEMBRANE (ALU)**

- Class A2-s1, d0
- Highly Breathable
- Water Resistant (Class W1)
- UV Resistant
- Airtight
- 42m<sup>2</sup> (1.2m x 50m)
- SKU - ME050



**FR BREATHER MEMBRANE (WHITE)**

- Class A1 (Non-combustible)
- Highly Breathable
- Water Resistant (Class W2)
- 75m<sup>2</sup> (1.5m x 50m)
- SKU - ME055



**Products designed to meet the highest level of fire protection**



# AIR & VAPOUR CONTROL LAYERS

## FAÇADE BUILDING PROTECTION RANGE

Under the Building Regulations Approved Document B, membranes used as part of the external wall construction above ground level should now achieve a minimum of Class B-s3, d0 to EN 13501-1 'Fire classification of construction products and building elements. Classification using test data from reaction to fire tests.'

The European reaction to fire classification (Euroclass) system is the common EU standard for assessing the performance of building materials when subject to fire. The performance of all illbruck systems is determined by measuring a comprehensive set of characteristics, including ignitability, flame spread, heat release, smoke production and tendency for producing flaming droplets/particles.

**A façade building protection range that covers every sealing scenario**



**SCAN THE QR  
CODE FOR MORE  
INFORMATION**



**A2-s1, d0**

+ Add to spec

### FR AVCL

- Class A2-s1, d0
- 95% heat reflection
- Air and vapour tight
- Suitable for use in lightweight steel and timber frame construction
- 60m<sup>2</sup> (1.2m x 50m)
- SKU - ME060



## EXPLORE FR AVCL IN MORE DETAIL

REACTION TO FIRE CLASS A2-s1, d0

+ Add to spec

illbruck's FR AVCL is used as an air and vapour barrier on the interior side of lightweight steel and timber frame systems. ME060 has an enhanced reaction to fire classification and is highly suited to construction projects designated as 'relevant' buildings as defined in Approved Document B.

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



# OUR TECHNICAL SERVICES AND DIFFERENCE

Offering technical and specification support across our vast range of FR façade membranes, our team will work with clients, architects, specifiers, and contractors to ensure the best possible and most cost-effective solution is identified for projects across the UK - without compromising on quality or safety.

We understand that you want to find the best value, lowest-risk, solution which has been specifically engineered for your project and we aim to help you achieve this. illbruck offers aligned services, that are tailored to your respective expectations and circumstances. Illbruck has a range of useful online tools as well as individual personal consulting and training services to support planners and contractors from the start of the project through to completion.

## GET IN TOUCH WITH US

For further information  
at [www.illbruck.com](http://www.illbruck.com)  
or telephone: 01942 251 400



### Training and Seminars

Practical and theoretical trainings help installers and site managers in planning and execution. Seminars cover FR Breather Membranes, Building Regulations and other illbruck products.



### Logistics

Our local distribution network allows us to get products to sites when you need them. illbruck offers a next day delivery service or collection service.



### Support on the construction site

Instruction and coordination of the trades on-site - especially for individual solutions. Our team are available to demonstrate the installation of materials, give application advice or simply inspect workmanship allowing main contractors to achieve a golden thread approach.



### Advice via chat

You need quick help and prefer the digital way? Visit [illbruck.com](http://illbruck.com), use the chat function and you will receive immediate advice from one of our customer service representatives.



### Technical and specification advice

Through personal contact with our illbruck specialists you will get answers to your questions. We can support you with their technical and specification know-how in the planning, tendering or preparation of quotations - as well as with the development of bespoke solutions.





Construction Products Group

Tremco CPG Europe manufactures high performance building materials in order to solve the complex challenges faced by today's construction industry. With over 1,400 employees across Europe, we are committed to being by your side to shape a world where buildings and structures save energy, last longer and exceed sustainability benchmarks.

## Delivering World-Class Construction Product Solutions.

The product brands housed within Tremco CPG Europe cover a wide array of different construction needs and provide a wealth of complex services, support and systems that are rarely found together under one roof.

### Sealing, bonding & insulation



Window Insulation, Façade Construction, Exterior Insulation & EWIS, Structural & Inplant Glazing, Insulated Concrete Forms (ICFs)

### Passive fire protection



Intumescent Coatings, Fire Stopping

### Flooring



Seamless Resin Flooring, Subfloor Preparation, Car Parking Structures

### Waterproofing



Potable & Waste Water Industry, Balconies, Terraces, Basements & Foundations

### Roofing



Liquid Applied Systems, Felt Systems, Vegetated Roofing

Europe's leading construction products brands...





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