

# Ancillary installation materials

## DOVISTA Approved Products



Good, solid quality workmanship has characterised Rational and VELFAC windows and doors since the products were first launched in the UK and Ireland in 1989.

Based on this solid foundation Rational and VELFAC are today market leading company's with offices in UK, Ireland and Scandinavia.

Rational and VELFAC manufacture energy saving innovative windows and doors of premium quality in terms of both comfort aesthetics and security.

Our continuous programme of research and development ensures that we always meet current statutory requirements as well as market requirements for design and functionality.

Rational and VELFAC are part of the DOVISTA Group which consists of other leading door and window companies from across Europe.

CPG UK's illbruck range enhances the quality of all your sealing and bonding projects: be it windows, façades, interior or exterior, a major construction scheme or a smaller home refurbishment project.

illbruck has been setting the standard for over 60 years offering the right products, while providing targeted training and practical advice to lessen the workload.

In partnership together Rational, VELFAC and CPG UK offer high performance products with longevity and quality.

'DOVISTA UK products are rigorously tested to ensure we achieve and sustain the compliance, functionality, quality and longevity of our various systems.

A critical element for any testing and installation procedure are the ancillary products that provide the peripheral seals.

To ensure that the performance and quality of any ancillary products complement our windows, DOVISTA UK approve ancillary products branded Tremco illbruck, manufactured and supplied by CPG UK.

Please note: use of alternative ancillary products during the installation process may result in the cancellation of any valid Product Warranty.'

## Window Perimeter Weather, Insulation and Airseals

### TP600 Impregnated Foam Seal



TP600 Impregnated Foam Seal must be applied in accordance with manufacturer's guidelines.

CPG UK TP600 Impregnated Foam Seal is the product DOVISTA UK approves for primary weather seal applications. TP600 has full BBA approval and has been extensively tested to ensure performance and compatibility.

#### TP600

- Is available in a variety of incremental sizes to take up any discrepancies/ anomalies within the build.
- Provides a vapour permeable primary external weather tight seal.
- Offers thermal and acoustic insulation
- Has a 15 year performance guarantee

To aid sizing of TP600 for particular circumstances please refer to link; <https://www.youtube.com/watch?v=D0tBn27gAzk>

To see how to install the complete i3 system – the ultimate sealing system of a window to keep out the weather and keep in the warmth and energy cost savings, please refer to the link; <https://www.youtube.com/watch?v=Fiyz-NHF-Oo>

## Window Perimeter Weather, Insulation and Airseals

### FS125 LM Frame & Façade Silicone



FS125 LM Frame & Façade Silicone must be applied in accordance with manufacturer's guidelines.

Where defined by DOVISTA UK there may be situations where a TP600 Impregnated Foam seal is not conducive to the build interface or product type.

There are also specific locations ie door thresholds and aluminium cill profile joints / structure abutments where a more traditional wet seal is required. In these instances DOVISTA UK approves and warrants the use of CPG UK FS125 LM Frame and Façade Sealant.

#### FS125

- CPG UK's lead silicone product
- Is a low modulus, neutral curing silicone sealant with a high movement capability.
- Has been rigourously tested to ensure adhesion and compatibility and is approved for use across our product ranges by DOVISTA UK
- Offers movement capability up to 50%
- Offers long term resistance to weathering, ageing and UV
- Is available in a range of 6 colours in cartridge size of 380ml\*

\*Pine colour also available in 310ml size – reference FS500. The colours presented are for indicative purposes only. Always confirm colour prior to use.

## Polyurethane Foams

### FM330 Pro Foam Air Seal (Elastic Pu Foam)



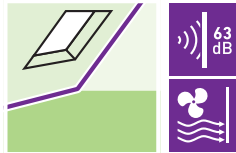
FM330 Pro Foam Air Seal must be applied in accordance with manufacturer's guidelines.

As part of a standard window/door installation inboard of the primary weather seal there is a requirement for an additional air seal.

The standard product recommended by DOVISTA UK is CPG UK FM330.

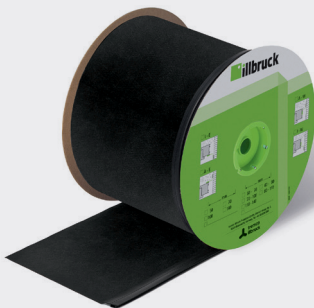
#### FM330

- Is a one part, rapid, moisture curing polyurethane foam which is gun applied.
- Has excellent elasticity, air tightness and acoustic properties
- Has excellent adhesion to brick, block, stone, plaster and cementitious materials as well as wood and a variety of plastics.
- Has low post expansion which allows greater control during application,
- its sub zero formulation allows the product to be used in temperatures as low as minus 3° C



## Membranes

### ME220 EPDM External Membrane



ME220 EPDM External Membrane must be applied in accordance with manufacturer's guidelines.

ME220 is used for weather sealing the connecting joint between a façade and the adjacent structure, or to provide an internal air-tight barrier.

Where an internal and external membrane is required ME220 should be located internally with ME501 Duo Window Membrane HD being used as the external application, subsequently this will facilitate the drying out of any entrapped moisture between the two layers.

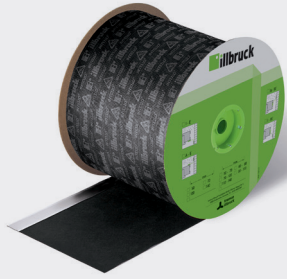
#### ME220 has

- High resistance to mechanical damage
- Excellent movement capability and stretch recovery
- Excellent weathering, ageing and UV radiation resistance
- Is an excellent moisture vapour barrier

## Membranes

### ME501

Duo Window Membrane HD- External Intelligent Membrane



ME501 Duo Window Membrane HD – External Intelligent Membrane must be applied in accordance with manufacturer's guidelines.

ME501 provides a high-performance seal to the perimeter joint between window and the construction reveal. Its intelligent constituent build up means it can be used in both internal and external application.

ME501 is a high strength tear resistant product. It can be applied before or after window installation to suit the build sequence, there is also an option for a gasket enhancement to allow the membrane to be fixed direct to window profiles.

ME501 has

- BBA Accreditation
- Excellent drying potential thus avoiding mould growth and physical damage
- A high degree of UV stability that will tolerate up to 9months of direct sunlight exposure

### ME501 VV

Duo Window Membrane HD Peel and Stick External Membrane



ME501 VV Duo Window Membrane HD – Peel and Stick External Membrane must be applied in accordance with manufacturer's guidelines.

ME501 VV provides a high-performance seal to the perimeter joint between window and the construction reveal. Its intelligent constituent build up means it can be used in both internal and external application.

ME501 VV is a high strength tear resistant product that incorporates self-adhesive films for reliable and user-friendly installation.

ME501 VV provides an external weather tight seal, should an internal airtight seal also be a requirement ME501VV should be used in tandem with ME508 Duo Membrane EW / F.

ME501 VV has

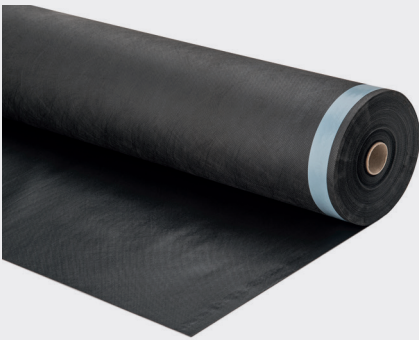
- Quick and easy application
- Minimal reliance on wet adhesive
- A high degree of UV stability that will tolerate up to 12months of direct sunlight exposure
- Weatherproof and airtight capabilities up 600PA

To watch ME501 VV being installed with 50% time saving, please refer to the link; [https://www.youtube.com/watch?v=AVVRvE8icZo&ab\\_channel=CPGUK](https://www.youtube.com/watch?v=AVVRvE8icZo&ab_channel=CPGUK)

## Membranes

### ME010

Façade UV and Fire Membrane – Meets B-s1-do with SP025 Adhesive



ME010 Façade UV and Fire Membrane must be applied in accordance with manufacturer's guidelines.

ME010 is a water and airtight vapour permeable membrane for sealing around window perimeters.

When used in the above application ME010 complies with the reaction to fire classification Class B-s3 provided the bonding agent used in conjunction is CPG UK SP025.

#### ME010 has

- Permanent UV resistance
- Airtight and weathertight capabilities
- An option for a self-adhesive strip installation
- Multiple roll width availability

For more detailed information on ME010 please refer to link;  
[https://www.illbruck.com/en\\_GB/fire-rated-membrane-system/](https://www.illbruck.com/en_GB/fire-rated-membrane-system/)

### ME508

Duo Membrane EW/F- Peel and Stick Internal Air & Weather Membrane



ME508 Duo Membrane EW/F must be applied in accordance with manufacturer's guidelines.

ME508 is self-adhesive across the full width of the membrane for optimised adhesion which provides flexibility in providing options for installing to the window edge or face.

Although ME508 can be used in either an external or internal application, for optimum use and performance the internal application is the best scenario.

#### ME508 has

- A split release liner for quick and easy application
- Flexibility in being able to reposition if required, please note however this ability is related to time in situ.
- Retrofit capabilities
- No loose membrane components which allows for wet trade application direct onto the membrane without the risk of cracking thereafter

## Membranes

### ME500

Duo Flexible Window Membrane – Airtight Membrane System



ME500 Duo Flexible Window Membrane must be applied in accordance with manufacturer's guidelines.

ME500 is an intelligent membrane which can provide airtight internal and weathertight external seals.

ME500 has an adhesive strip that secures the membrane to the window edge and uses a specific adhesive to secure to the structure / substrate.

ME500 has a specially designed reactive membrane whereby the water vapour permeability changes depending on the humidity inside the joint that allows the product to perform as an airtight internal seal and a weathertight breathable external seal.

ME500 has

- BBA Accreditation
- Multiple roll width availability
- Internal and external seal capabilities
- Simplistic installation process

## Speciality Range

### FF197

Gun Grade Fire Rated PU Foam



FF197 Gun Grade Fire Rated PU Foam must be applied in accordance with manufacturer's guidelines.

Should there be a project specific requirement for the application of a fire rated PU Foam DOVISTA UK would recommend the use of Nullifire FF197.

FF197

- Has been tested to BS EN 1634-1 and BS EN 1366-4 and can be used to seal door frames, window frames and linear gaps throughout the fire rated areas of a building.
- Is easily distinguishable from other products given its pink colour and when applied is tack free within 10minutes
- Is supplied in 750ml pressurised canisters in box quantities of twelve

For more detailed information on FF197 please refer to link;  
[https://www.nullifire.com/en\\_GB/product/ff197-gun-grade-fire-rated-pu-foam-240/](https://www.nullifire.com/en_GB/product/ff197-gun-grade-fire-rated-pu-foam-240/)

## Speciality Range

### FA880 Premium Natural Stone Silicone



Where our window/door is installed into natural stone façades there may be a requirement for an alternative to the FS125 perimeter wet seal which prevents migratory staining post application.

In these instances DOVISTA UK approves and warrants the use of CPG UK FA880 Premium Natural Stone Silicone.

#### FA880 offers

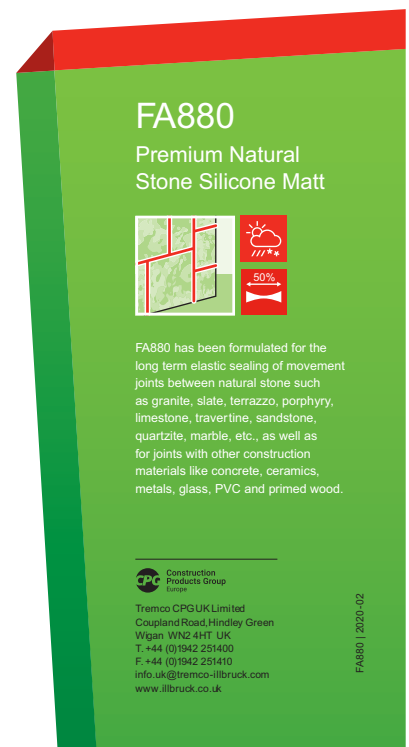
- Matt/flat finish with high Movement accommodation (up to 50%)
- Long term elastic sealing of joints and abutments
- A range of colours in cartridge sizes of 310ml
- Long term resistance to weathering, ageing and UV
- Contains fungicide to prevent mould growth
- Chemically neutral and low odour
- Rapid curing formulation-skins within 10-20 minutes
- Tested and approved by DOVISTA UK

FA880 Premium Natural Stone Silicone must be applied in accordance with manufacturer's guidelines.

### Colour Chart



\*Colour swatches are indicative only. For colour samples, please contact the CPG UK Sales Office on 01942 251400.



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

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FA880 | 2020-02

## Construction phase - Window Protection

### AW400 Window & Frame Protective Film



AW400 Window & Frame Protective Film must be applied in accordance with manufacturer's guidelines.

To offer protection to the external aluminium sash and glass elements of our window/door, DOVISTA UK approves and warrants the use of CPG UK's AW400 Protective Film.

AW400 is a self adhesive film suitable for application to glass and other surfaces requiring temporary protection against damage during processing and storage or resulting from other trades activity once installed.

Its translucent finish maximises light transmittance and is easily applied and removed

AW400 has a 6months UV resistance / service life and is available in roll widths of 600mm and 1200mm and roll lengths of 150metres

### AW405 Internal Window Protective Tape



AW405 Internal Window Protective Tape must be applied in accordance with manufacturer's guidelines.

To offer protection to the internal timber elements of our window/door, DOVISTA UK approves and warrants the use of CPG UK's AW405 Low Tack Tape.

This product can be used as the primary protective barrier applied directly to the timber sections or it can be used to secure other more robust materials such as corex sheet if required.

If being used as the primary protection of the timber sections to prevent discolouration please ensure the entire timber section is covered.

AW405 is a single sided black low tack protection tape. This thicker film offers a greater level of protection on hard body surfaces such as finished timber and powder coated metals.

The tape has been designed for use on finished product or where risk of scratching /contamination is high.

AW405 has a 6months UV resistance / service life and is supplied in a variety of widths in rolls that are 100metres long



## Adhesives for bonding Membranes

### **ME220 EPDM – OT015 Adhesive must be used to bond the membrane to the frame and the structure.**

For more information on this product please refer to the following link;  
[https://www.illbruck.com/en\\_GB/product/me220-vv-epdm-membrane/](https://www.illbruck.com/en_GB/product/me220-vv-epdm-membrane/)

### **ME501 Duo HD – SP525 Adhesive must be used to bond the membrane to the frame and the structure**

For more information on this product please refer to the following link;  
[https://www.illbruck.com/en\\_GB/product/me501-duo-window-membrane-hd/](https://www.illbruck.com/en_GB/product/me501-duo-window-membrane-hd/)

### **ME500 Duo HD – SP525 Adhesive must be used for the overlaps and around brackets**

For more information on this product please refer to the following link;  
[https://www.illbruck.com/en\\_GB/product/me500-duo-flexible-window-membrane/](https://www.illbruck.com/en_GB/product/me500-duo-flexible-window-membrane/)

### **ME010 Façade UV & Fire – SP025 Adhesive must be used to bond the membrane to the frame and the structure**

For more information on this product please refer to the following link;  
[https://www.illbruck.com/en\\_GB/product/me010-breather-membrane-uv-fire/](https://www.illbruck.com/en_GB/product/me010-breather-membrane-uv-fire/)

## Recommended Primers

### **ME902 Butyl & Bitumen Spray Primer – Helps to bond self-adhesive membranes on rough/damp surfaces (e.g blockwork)**

For more information on this product please refer to the following link;  
[https://www.illbruck.com/en\\_GB/product/me902-butyl-bitumen-spray-primer/](https://www.illbruck.com/en_GB/product/me902-butyl-bitumen-spray-primer/)

## Recommended Accessories

### **AA250 Pu Foam Applicator Gun**

For more information on this product please refer to the following link;  
[https://www.illbruck.com/en\\_GB/product/aa250-foam-gun-pro-1/](https://www.illbruck.com/en_GB/product/aa250-foam-gun-pro-1/)

### **AA290 Pu Foam applicator Gun Cleaner (box in 12s)**

For more information on this product please refer to the following link;  
[http://www.illbruck.com/en\\_GB/product/aa290-pu-solvent-cleaner/](http://www.illbruck.com/en_GB/product/aa290-pu-solvent-cleaner/)

### **AA854 Sealant Cartridge Gun 400**

For more information on this product please refer to the following link;  
[http://www.illbruck.com/en\\_GB/product/aa854-cartridge-gun-400-pro/](http://www.illbruck.com/en_GB/product/aa854-cartridge-gun-400-pro/)

### **AB004 Membrane Seam Roller**

For more information on this product please refer to the following link;  
[http://www.illbruck.com/en\\_GB/product/ab004-membrane-seam-roller/](http://www.illbruck.com/en_GB/product/ab004-membrane-seam-roller/)

### **AB005 Membrane Shears**

For more information on this product please refer to the following link;  
[http://www.illbruck.com/en\\_GB/product/ab005-membrane-shears/](http://www.illbruck.com/en_GB/product/ab005-membrane-shears/)

## **How to order**

(Domestic Workstream Document only)

Dortech Direct Ltd have been successfully working in partnership with CPG UK as official distributors for over 10 years. They are based in Yorkshire, hold a large amount of illbruck products in stock at all times and distribute products throughout the United Kingdom, offering our customers the highest levels of customer service and responsiveness.

In order to provide DOVISTA Customers a preferential service, DOVISTA accounts will be automatically promoted to their platinum service, which entitles its users to priority ordering, express delivery service and access to CPG's very latest products and promotions, at market leading prices.

**Contact Details - <https://www.dortechdirect.co.uk/>  
Tel Order line 01484 411357**