

# ISOCELL

SOLUTIONS FOR THE WAY YOU BUILD

WHEN IT COMES TO  
**AIRTIGHTNESS,**  
WE HAVE YOUR  
**NEW BUILD OR  
RENOVATION  
PROJECT COVERED**



## ISOCELL

Isocell is proud to offer you a selection of products that make up the **Isocell Airtight Airstop System**.

Isocell has been providing airtight products for over twenty years. Through hands-on experience, Isocell have developed the Airstop system, which provides solutions to achieving air tightness in new build and renovation projects.

**Isocell Airtight System** provides seamless integration when working with blockwork, concrete, steel and timber frame construction, ensuring airtightness to the highest degree.

**Contact us today** to benefit from decades of experience and product development.

### ISOWINDOW F1 INTERIOR



**ISOWINDOW F1 Interior** seals window joints quickly and effectively. The adhesive strip permits easy and discrete installation of the tape to the window frame. **ISOWINDOW F1 Interior** can easily be adhered to walls using Airstop Adhesive Paste.

#### WINDOWS AND DOORS

- ISOWindow F1 achieves a perfect seal from the window frame onto concrete, brickwork or blockwork
- Can be cladded or plastered and painted over
- Perfect for encapsulating window straps in one.

#### PERIMETERS

- ISOWindow F1 is also ideal for around hollow core, wall and roof junctions.



### ISOWINDOW F12



**ISOWINDOW F12** is similar to F1 except that it incorporates not only the acrylic strip, but also a butyl strip which can adhere to clean and tidy blockwork when used in conjunction with Bubi LF Primer.\* This eliminates the need for Airstop Adhesive Paste.

\*Please refer to Bubi LF Bonding Primer.

For corner details and junctions, use Airstop Flex tape 80mm+ — **AVAILABLE IN CUSTOM WIDTHS UPON REQUEST** — These tapes are also available in Fleece or EDPM rubber material

Roll Width mm: 75•100•150•200•250•300 Roll Length: 25m

## AIRSTOP ADHESIVE TAPE



### Isocell Airstop Adhesive Tape

Tear-resistant adhesive tape for air-tight adhesion indoors and out. With an exceptional age-resistant adhesive layer it is suitable for use on almost all surfaces. Field of application: adhesion of vapour

retarders and airtight layers, joints and connections with wood, OSB and metal, for adhesion to masonry use Isocell Bubi LF Primer if necessary

#### WALLS INTERIOR

- Use on joints on membranes in timber frame wall make-ups.

#### ROOFS INTERIOR

- Seals OSB joints and membrane overlaps.

#### ROOFS EXTERIOR

- Seals exterior roof and façade membranes, wood fibre boards.

#### WALLS EXTERIOR

- Seals exterior roof and façade membranes, wood fibre boards and bitumen based boards.\*

#### CEILINGS

- Seals ceiling membrane joints, and membrane junctions on perimeter blockwork.\*



### Airstop Window Tape

Available for corner joints and window details with a split-back liner. 30/30mm split, 12/48mm 60mm wide, 25m.

\*Please refer to Bubi LF Bonding Primer.

Roll Width mm: 50•60•80•100•150•200 Roll Length: 50m

## NEED PROFESSIONAL ADVICE FOR YOUR SPECIAL PROJECT?

Isocells experience in airtightness and wind tightness is second to none.

Contact us today if you are planning an important project that requires high levels of airtightness or wind tightness. We can provide correct specifications, details and professional advice in relation to our full range of products, for any level of airtightness, right up to and beyond Passive standard.

Our standard ranges and our specialised products are utilised in private, residential, commercial and public projects throughout Europe and beyond.

Contact us today for further information on our full range of specialised products.

## AIRSTOP ADHESIVE PASTE



**Airstop Adhesive Paste** has great adhesion to various substrates including wood, stone, concrete, plaster, various metals and all membranes and foils used for achieving airtightness or vapour control. Used for joining membranes to blockwork, as well as sealing around window details.

#### ADVANTAGES

An impressive resistance to freezing to -30°C and workable from -5°C (no priming required). It can be adhered to immediately after applying. No need for clamping battens as with some adhesives. Can be used to close off electrical conduits. Solvent-free, gap-filling and elastic. Good resistance to rain immediately after application. Isocell Airstop Cleaner is used to clean the paste off tools and equipment.

#### APPLICATION

Ensure surface is dry, clean and dust free. No need to prime surface. Apply 5mm bead on smooth surfaces and up to a 10mm bead on rough surfaces. Once adhesive is applied, firmly press membrane onto it. Press the membrane securely along the whole length of the wall. If necessary, apply more adhesive to difficult areas like corners, etc. to complete the seal. Overlaps of membranes passing over the beaded seal should be sealed off – to ensure this, apply Airstop Adhesive paste between the overlapped membrane and adhere them together.

Cartridge: 310ml, approx 12-15 linear m coverage at 8mm bead

Foil pack: 600ml, approx 24-30 linear m coverage at 8mm bead

Call from Ireland  
086 601 8555

Call from the UK  
0800 433 4833

For technical details on any of our products listed, or for information on our full product range, including specialised membranes, tapes, sealants, grommets, cleaners, EDPM seals, cellulose and windtight solutions, please visit our website today.

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- Cleaners
- EDPM seals
- Cellulose insulation & equipment
- Wind tight roofing & façade membranes
- Vapour & airtight control layers
- Window tapes

Scan the barcode below to download the full Isocell product brochure to your smart device.



## Penetrations

### AIRSTOP AIRTIGHT FOAM



**ISOWindow Airstop Foam** as part of the **ISOWindow System** is a specially formulated high density PU foam designed for sealing around doors and windows.

- It avoids pressure on the frame during expansion
- Moisture diffusing properties
- Retains high degree of airtightness after cutting/shaping
- Seals difficult

details throughout the build • Foam is dispensed through a controllable gun, ensuring neat workmanship.

#### WINDOWS AND DOORS

- The composition of ISOWindow Airstop Foam results in more efficient insulating properties compared with other PU foams
- Use with Airstop window tapes around doors and windows, to ensure superior insulation and airtightness and moisture control.

wooden window frames in particular. This foam forms an integral part of the ISOWindow System.

#### FLEXIBLE APPLICATIONS

Also extremely useful for sealing difficult areas such as perimeters or pipe and wire penetrations around blockwork, and hollow core. ISOWindow Airstop Foam is considerably denser than other non-airtight foams available on the market, but can absorb 300 times more movement than normal PU foams. Free from CFCs.

#### ADVANTAGES

Unlike some other foams, ISOWindow Airstop Foam places no pressure on the frame during expansion. It's moisture diffusing properties ensure the longevity of

Canister: 700ml • Fire Class: B3 • Sound Dampning: 58dB  
Thermal Conductivity: 0.035 w/mK • Elasticity: 35%

### AIRSTOP ELASTO TAPE



**AirStop Elasto** adhesive tape is slightly expandable with adhesive generously applied. Its malleability makes it ideal for sealing wire and pipe penetrations through multiple substrates, such as membranes, metal, wood and wood-based panels, as it adapts to the texture of the surface.

It is also highly effective when used on joints of OSB, Airstop vapour control layers such as Isocell Timbertex and Isocell Airstop Diva variable vapour control layer.

#### PENETRATIONS

- Seals wire and pipe penetrations through airtight membranes or substrates
- Seals hollow core joints and RSJ junctions.\*

#### MEMBRANES & SHEETING

- Versatile, highly adhesive airtight tape for sealing OSB joints and vapour/airtight membrane overlaps.

#### ROOFS INTERIOR

- Use on underside of metal roof sheeting, joints of OSB and plywood sheeting to create an airtight seal.

#### ROOFS EXTERIOR

- Seals exterior roof and façade membranes, wood fibre boards\* and bitumen based boards.

\*Please refer to Bubi LF Bonding Primer.

Roll Width mm: 50 • 60 Roll Length: 25m

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### BUTYL STRETCH FLEX



**Butyl Stretch Flex** is used as a seal around difficult penetration points, such as rafters, double-insulated flues, floor joists into blockwork, around steels purlins, pipework or any difficult profile. Due to its great flexibility and adhesive properties,

the tape can easily be positioned around irregularly shaped penetrations that require sealing and pressed neatly into position, in most cases without a primer.

#### PENETRATIONS

- Sealing insulated flue penetrations
- Sealing around floor joist penetrations
- Sealing around difficult irregular profiles and penetrations.



Roll Width mm: 50 • 80 • 100 Roll Length: 10m

### AIRSTOP TIMBERTEX



**Airstop Timbertex** membrane is a strong tear-proof, airtight vapour barrier for diffusion open roof and wall make-ups. This membrane protects the structure by ensuring a controlled/regulated diffusion of water vapour through the thermal

insulation. It's Sd Value of 10 is ideal for all moisture diffusive wall and roof make-ups. Timbertex is strong, soft to the touch and pliable, making it quick and easy to install. It's strength makes it also suitable for blown-in insulations.

#### WALLS INTERIOR

- Airtight vapour control layer for all timber wall make-ups that are moisture diffusive toward the exterior of structure.

#### ROOFS/CEILINGS

- Use on underside of rafters at ceiling level, such as in cold roof make-up
- Use on underside of warm roof make-ups, where insulation is applied between the rafters
- For non-diffusive wall and roof make-ups use our Airstop DIVA intelligent/variable membrane.

#### APPLICATION

Attach barrier to substrate using a tacker. **NOTE:** only the SMOOTH SIDE can be sealed airtight. Overlaps must be approx. 10cm. Seal overlaps/joints with AIRSTOP Adhesive, Elasto or Flex tape. Sealing membrane at wall junctions can be achieved with Airstop Adhesive Paste or with Airstop Flex tape\* which can then be plastered up to and over or use Airstop DIMAROLL, a sealant bead that is used in the same way as an adhesive tape.

Roll Width: 1.5m Roll Length: 50m

\*Blockwork or porous surface: May need Bubi LF Bonding primer.

For specialised membranes, including reinforced foil-faced membranes, eco-friendly, reinforced paper membranes, fleece-backed condensation controlling membranes and others contact us.

### \*BUBI LF BONDING PRIMER



**BUBI LF Bonding Primer** is a quality, solvent-free primer for preparation of the substrate to optimise the adhesive properties of acrylate, butyl and bitumen-rubber adhesive tapes. Used on all absorbent, mineral substrates, e.g. concrete, cement, plaster, brickwork and sand-lime bricks that are finished flush. Application is also possible on EPS polystyrene and XPS panels. BUBI LF Primer is self-adhesive.

Container: 1kg • 5kg • **Drying Time:** 15-40 mins, humidity dependent • **Working Temperature:** 10°C Air & Surface, Primer +5°C • **Coverage:** Up to 100g/m<sup>2</sup>, depends on absorption of surface material • **Product is not frost resistant.**

### AIRSTOP FLEX TAPE



Highly flexible adhesive tape for airtight adhesion for **interior and exterior use**. With an exceptionally age-resistant adhesive layer it is **suitable for use on almost all surfaces** (joints of OSB, membranes, DWD, metals and

wood). Transparent but airtight. **Can be plastered and painted over!** Working temperature: from -5°C.

#### FIELD OF APPLICATION INTERIOR

- Use for sealing overlaps in vapour/airtight control layers, plywood/OSB sheeting, insulated panels, etc.
- Ideal for junctions around floor perimeters
- Sealing junctions of plaster board, blockwork and concrete.\*

#### FIELD OF APPLICATION EXTERIOR

- Use for sealing overlaps in roof membranes and façade membranes, wood fibre boards and bitumen based boards.\*

#### WINDOWS AND DOORS

- Use in conjunction with F1 ISOWindow System.

\*Please refer to Bubi LF Bonding Primer.

Roll Width mm: 50 • 60 • 80 • 100 • 150 Roll Length: 25m

### UNI-ADHESIVE SEALANT



UV-resistant, permanent elastic, water resistant, MS-polymer based adhesive sealant that can be painted over. For bonding of plastic sheeting, sealing of joints in window, sanitary and roof areas as well as for floor coverings and skirting (tiles, natural stone, wood).

Cartridge: 290ml - white • 600ml foil pack - black

#### ADVANTAGES

- a stronger primer coat
- forms an adhesive film, self-adhesive
- working temperature from -10° C (air and surface).

#### APPLICATION

The substrate must be level, firm, dry and free from grease, oil and dust. Apply BUBI LF Bonding Primer evenly (when stirred up properly), using a roller or a brush (spread on porous surfaces twice), and allow to dry. Before applying the adhesive tape, the primer should be dried to transparency. Thick primer can be thinned by adding water.