

# QUALITY AIRTIGHT SYSTEM

[WWW.ISOCELL.COM](http://WWW.ISOCELL.COM)



ISOCELL

SPECIALIST FOR CELLULOSE INSULATION AND AIRTIGHT SYSTEMS

ISOCELL was founded in Neumarkt am Wallersee in Austria in 1992, specialising in cellulose insulation, wind-tight & airtight products. Isocell has been the market-leader in Austria for decades and in recent years has become a significant European supplier of cellulose fibre and airtight products. Isocell offers excellent service backed up by a technical department that is capable of dealing with your queries. With five manufacturing facilities in operation across Europe and a growing network of partners, Isocell continues to expand. The extensive work of our Research & Development department, as well as partnerships with research institutes and universities, ensures that our products meet strict requirements for quality and performance, while simultaneously extending our decisive lead in product technology and development.

Isocell offers cellulose insulation, blowing equipment and a comprehensive range of products for wind and airtightness that can help your build reach or exceed its performance requirements.

ISOCELL [ SYSTEM QUALITY ]

Continued research & development as well as strict adherence to our quality control system, from concept through manufacturing and beyond, forms the foundation for our “System Guarantee” and ensures cross product compatibility, thereby achieving an optimal solution for insulation and airtightness.



PRODUCT

Using the right products, such as cellulose insulation, vapour barriers, adhesives tapes and adhesive sealants, etc., is an important factor in achieving a successful solution.

IMPLEMENTATION

Professional installation by our service/contracting partners, who install our products in line with Isocell’s guidelines, guarantees a professional job, resulting in excellent insulation and airtightness.

RESULT

By carrying out a Blower Door test, one can verify the integrity of the airtight layer, and thereby ensure a problem free, long term, ecological and cost saving solution.



# OUR AIRTIGHT PRODUCTS

## AIRTIGHT SYSTEMS FOR CRAFTSMEN AND INSTALLERS

Since 1992 Isocell has been a trusted supplier to timber frame manufacturers, builders, tradesmen, and installers alike. Our reputation has been built on quality products, excellent customer service as well as specialised technical support and solutions. We offer a comprehensive selection of wind-tight and airtight products which have been developed and sold since 1995 under the brand names **AIRSTOP** and **OMEGA**. Isocell also developed and supplies the **ISOWINDOW System**, providing a comprehensive product range for professionals in the window and façade industry. **ISOWINDOW tapes** are available in a variety of formats to suite any application and are custom produced in our own factory, and can be supplied with single or double-sided acryl or butyl adhesive strip, and made to any width. Isocell also offers a range of high quality tapes for indoor and outdoor application, including tapes that can be plastered and painted over.

## LITTLE THINGS CAUSE ENERGY LOSSES

ISOCELL provides product solutions in an increasingly demanding market where low-energy and passive buildings are becoming the norm. New items are not only tested in laboratories but also undergo practical field testing by partner companies and customers to assess their suitability before they are introduced to the market. Decades of experience, development, laboratory and field testing, with close collaboration with the trade and installers alike, has resulted in high quality and effective products. Our product solutions have become very popular with planners and installers alike due to the ease of application with optimal results.





# ROOF UNDERLAYS for constructions (exterior)



## THE MOST IMPORTANT POINTS AT A GLANCE

- Protects the structure against weather.
- We generally recommend the use of nail seal tapes.

### OMEGA UD0-s 330 Roof Underlay

Vapour open (vapour permeable), weldable roof underlay for very flat under-roofs. Use for roof pitches starting from 1.5°.

**UV stability: 5 months**

*Prefabricated customisation possible*

Designation:	Weight:	Sd-value:	Roll dimensions:	Pallet:	Article number:
OMEGA UD0-s 330	330g/m²	approx. 0.18m	1.50m x 30m	40 rolls (1,800m²)	20MST
OMEGA UD0-s 330	330g/m²	approx. 0.18m	3.00m x 30m	20 rolls (1,800m²)	20MST3
OMEGA UD0-s 330	330g/m²	approx. 0.18m	Prefabricated		20MSTV

### OMEGA MONOTOP 330 SK DUO

Vapour permeable roof underlay for roofs where there is an increased need for rain-tightness in accordance with ÖNORM B 4119. Anti-slip and stable. With two integrated adhesive strips. Use for roof pitches starting from 5°.

**UV stability: 6 months**

Designation:	Weight:	Sd-value:	Roll dimensions:	Pallet:	Article number:
OMEGA MONOTOP 330 SK DUO	330g/m²	approx. 0.21m	1.50m x 25m	20 rolls (750m²)	20M330

### OMEGA MONO 200 Underlay

A vapour permeable roof underlay for installation directly onto the face of the thermal insulation or wood sheathing. The monolithic membrane guarantees higher UV-Resistance and far higher resistance to driving rain.

**UV stability: 4 months**

Designation:	Weight:	Sd-value:	Roll dimensions:	Pallet:	Article number:
OMEGA MONO Roof Underlay	200g/m²	approx. 0.18m	1.50m x 50m	20 rolls (1,500m²)	2MON0200
OMEGA MONO 200 Roof Underlay SK DUO	200g/m²	approx. 0.18m	1.50m x 50m	20 rolls (1,500m²)	2MON0200SK

# ROOF UNDERLAYS for constructions (exterior)



## OMEGA 180 Underlay

Vapour permeable roof underlay for installation directly onto the face of the thermal insulation or wood sheathing. 3-layer fleece combination. Anti-slip and tear-resistant surface.

UV stability: 2 months



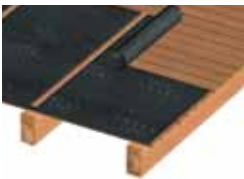
Designation:	Weight:	Sd-value:	Roll dimensions:	Pallet:	Article number:
OMEGA 180 Underlay 1m	180g/m <sup>2</sup>	approx. 0.02m	1.00m x 50m	20 rolls (1,000m <sup>2</sup> )	2OMEGA1
OMEGA 180 Underlay 1.5m	180g/m <sup>2</sup>	approx. 0.02m	1.50m x 50m	20 rolls (1,500m <sup>2</sup> )	2OMEGA
OMEGA 180 Underlay 3m	180g/m <sup>2</sup>	approx. 0.02m	3.00m x 50m	20 rolls (3,000m <sup>2</sup> )	2OMEGA3
OMEGA 180 Underlay PLUS 1m	180g/m <sup>2</sup>	approx. 0.02m	1.00m x 50m	20 rolls (1,000m <sup>2</sup> )	2OMEGA1P
OMEGA 180 Underlay PLUS	180g/m <sup>2</sup>	approx. 0.02m	1.50m x 50m	20 rolls (1,500m <sup>2</sup> )	2OMEGA1P
OMEGA 180 Underlay SK DUO	180g/m <sup>2</sup>	approx. 0.02m	1.50m x 50m	20 rolls (1,500m <sup>2</sup> )	2OMEGA1P



## OMEGA LIGHT Roof Underlay

Vapour permeable roof underlay for installation directly onto the face of the thermal insulation or wood sheathing. 3-layer fleece combination.

UV stability: 2 months



Designation:	Weight:	Sd-value:	Roll dimensions:	Pallet:	Article number:
OMEGA LIGHT Roof Underlay 1.5m	145g/m <sup>2</sup>	approx. 0.02m	1.50m x 50m	20 rolls (1,500m <sup>2</sup> )	2OMELI
OMEGA LIGHT Roof Underlay 3.0m	145g/m <sup>2</sup>	approx. 0.02m	3.00m x 50m	30 rolls (4,500m <sup>2</sup> )	2FHDS3
OMEGA LIGHT Roof Underlay PLUS	145g/m <sup>2</sup>	approx. 0.02m	1.50m x 50m	20 rolls (1,500m <sup>2</sup> )	2OMLIPLUS
OMEGA LIGHT Roof Underlay SK DUO	145g/m <sup>2</sup>	approx. 0.02m	1.50m x 50m	20 rolls (1,500m <sup>2</sup> )	2OMELIPLWS

## Different types of integrated adhesive strips

OMEGA SK

Acryl adhesive tape

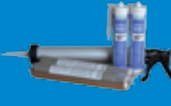

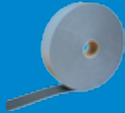


OMEGA PLUS

Butyl adhesive tape

OMEGA SK DUO

Acryl adhesive tape

# ACCESSORIES FOR ROOF UNDERLAYS

Designation:	OMEGA QUILLI	OMEGA Nail-seal Tape	PE Nail-seal Tape DSK (≥ 5°DN)	OMEGA N55 Adhesive	Hot air blower
					
OMEGA UDO-s 330 Roof Underlay	—	✓✓✓	✓✓✓	✓✓✓	✓✓✓
OMEGA MONOTOP 330 SK DUO	✓✓✓	✓✓✓	✓✓✓	—	—
OMEGA MONO 200 Roof Underlay	✓✓✓	✓✓✓	✓✓✓	—	—
OMEGA 180 Underlay	✓✓✓	✓✓✓	✓✓✓	—	—
OMEGA LIGHT Roof Underlay	✓✓✓	✓✓✓	✓✓✓	—	—

## OMEGA QUILLI



For rain and wind-tight sealing/adhesion of roof membranes at overlaps and joints. Adhesive sealant for sealing nail and staple penetrations in and around the counter-batten. For gluing joints of wood fibreboard, OSB and MDF panels.  
**Working temperature: from + 7°C**



Tested for resistance to rain by Holzforschung Austria Order no.: 301/2003/2 - T/HH

Designation:	Contents:	Colour:	Ageing stability:	Carton contents:	Article number:
OMEGA QUILLI	310ml cartridge	Beige	approx. 20 years	20 pcs.	30MQU310
OMEGA QUILLI	600ml foil pack	Beige	approx. 20 years	20 pcs.	30MQU900






## OMEGA N55 Adhesive

For windproof and watertight bonding/sealing of UV-resistant façade membranes as well as the bonding/sealing of OMEGA UDO-s 330 roof underlay to each other as well as adhering it to concrete, wood and sheet metal.



Designation:	Contents:	Coverage:	Article number:
OMEGA N55 Adhesive	4.5kg can	Approx. 40g/m joint bonding	30MN55

Bonding OMEGA UDO-s 330

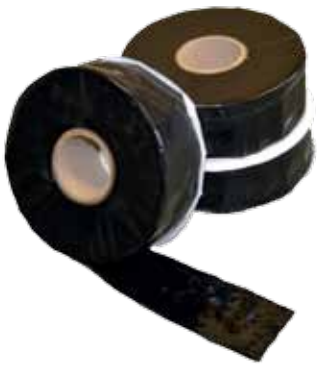


1 | Overlapping installation

2 | Bonding with OMEGA N55

3 | Adhere nail-seal tape

# ACCESSORIES FOR ROOF UNDERLAYS



## OMEGA Nail-seal Tape

Bitumen tape, adhesive on one side, for sealing nail holes under counter-battens.  
Thickness: 2mm. Working temperature: from +5°C

## OMEGA Nail-seal Tape DSK

Bitumen tape, adhesive on both sides, for sealing nail holes under counter battens.  
Thickness: 2mm. Working temperature: from +5°C



Designation:	Roll width:	Roll length:	Carton contents:	Article number:
OMEGA Nail-seal Tape	50mm	10m	20 rolls	30MNDI50
OMEGA Nail-seal Tape	60mm	10m	16 rolls	30MNDI60
OMEGA Nail-seal Tape	80mm	10m	12 rolls	30MNDI80
OMEGA Nail-seal Tape DSK	50mm	10m	6 rolls	3NDB50DSK
OMEGA Nail-seal Tape DSK	60mm	10m	6 rolls	3NDB60DSK



## PE Nail-seal Tape DSK

PE foam tape, with adhesive on both sides, for sealing nail holes under counter battens.  
≥ 5°DN

Thickness: 3mm

Suitable for application using the nail-seal tape dispenser

Designation:	Roll width:	Roll length:	Carton contents:	Article number:
PE Nail-seal Tape DSK	60mm	30m	8 rolls	3PEDIBA60/3DS



## Nail-seal Tape Dispenser

Specially developed by ISOCELL, the Nail-seal Tape Dispenser enables fast, accurate and secure application of the PE Nail-seal Tape DSK to the counter battens, resulting in substantial time saving. The nail-seal tape dispenser can be utilised in offsite production/preparation as well as at the building site.




Available in two versions: For battens 50 x 80mm or battens 40 x 60mm.



Product video

Designation:	Version:	Dimensions in cm (L x W x H):	Weight:	Article number:
Nail-seal Tape Dispenser	for 5/8 battens	44 x 18 x 26.5	4.5kg	8NDBA
Nail-seal Tape Dispenser	for 4/6 battens	44 x 18 x 26.5	4.5kg	8NDBA1

Use of the nail-seal tape dispenser



1 | Insert the nail-seal tape

2 | Push the counter-batten through

3 | Fasten to the roof



# WIND SEALS AND FACADE LININGS for wall constructions (exterior)



## THE MOST IMPORTANT ASPECTS AT A GLANCE

- Protects the structure against the weather.
- Protects the insulation against vapour and moisture ingress.
- UV-resistant facade linings for air gap/cavity ventilated facades.



### OMEGA Wind Seal

Vapour-permeable, three-layer wind sealing membrane made of structured polypropylene, for installation directly onto the face of the thermal insulation or wood sheathing. Protects the wall makeup and the thermal insulation against moisture and wind.

UV stability: 2 months



Designation:	Weight:	Sd-value:	Colour:	Roll dimensions:	Pallet:	Article number:
OMEGA Wind Seal	100g/m <sup>2</sup>	approx. 0.02m	Charcoal Grey	1.50m x 50m	25 rolls (1,875m <sup>2</sup> )	2WIND
OMEGA Wind Seal	100g/m <sup>2</sup>	approx. 0.02m	Charcoal Grey	3.00m x 50m	20 rolls (4,500m <sup>2</sup> )	2WIND3M



### OMEGA Facade Lining

UV-resistant facade lining for air gap/cavity ventilated facades with shadow gaps of up to 20mm.



Designation:	Weight:	Sd-value:	Colour:	Roll dimensions:	Pallet:	Article number:
OMEGA Facade Lining	177g/m <sup>2</sup>	approx. 0.17m	Charcoal Grey	2.50m x 50m	20 rolls (2,500m <sup>2</sup> )	20MFA
OMEGA Facade Lining SK DUO	177g/m <sup>2</sup>	approx. 0.17m	Charcoal Grey	1.35m x 50m	25 rolls (1,687.5m <sup>2</sup> )	20MFASK



### OMEGA SKIN Facade Lining SK DUO

UV-resistant facade lining for air gap/cavity ventilated facades with shadow gaps of up to 50mm. With two integrated adhesive strips.

Fire class: B-s1, d0



Designation:	Weight:	Sd-value:	Colour:	Roll dimensions:	Pallet:	Article number:
OMEGA SKIN Facade Lining SK DUO	approx. 270g/m <sup>2</sup>	approx. 0.02m	Charcoal Grey	1.50m x 50m	20 rolls (1.500 m <sup>2</sup> )	20MSK



# WIND SEALS AND FACADE LININGS for wall constructions (exterior)



## OMEGA FA Facade Lining

UV-resistant facade lining for air gap/cavity ventilated facades with shadow gaps of up to 50mm.



Designation:	Weight:	Sd-value:	Colour:	Roll dimensions:	Pallet:	Article number:
OMEGA FA Facade Lining	210g/m <sup>2</sup>	approx. 0.08m	Black	2.50m x 50m	20 rolls (2,500 m <sup>2</sup> )	20MFAS

## OMEGA Color Facade Lining

On request, we supply façade linings in a variety of RAL colours for open facades or ventilated glass facades. Delivery time: 6 weeks

ACCESSORIES FOR WIND SEALS AND FACADE LININGS				
Designation:	OMEGA QUILLI	OMEGA Facade Tape	UNI Sealant-Adhesive	OMEGA N55 Adhesive
OMEGA Wind Seal	✓✓✓	—	—	—
OMEGA Facade Lining	—	✓✓✓	✓✓✓	✓✓✓
OMEGA SKIN Facade Lining SK DUO	—	✓✓	✓✓	✓✓✓
OMEGA FA Facade Lining	—	✓✓✓	✓✓✓	✓✓✓



## OMEGA Facade Tape

UV-resistant adhesive tape for sealing in and around facades.  
Working temperature: from -5°C

Designation:	Roll width:	Roll length:	Carton contents:	Article number:
OMEGA Facade Tape	50mm	25m	8 rolls	30MFA50
OMEGA Facade Tape	60mm	25m	8 rolls	30MFA60
OMEGA Facade Tape	100mm	25m	4 rolls	30MFA100



## UNI Sealant-Adhesive

UV-resistant, permanently elastic, water-resistant MS-polymer based sealant that can be painted over. For sealing and bonding a wide variety of materials throughout the house, indoors and outdoors, such as window joints and OMEGA facade linings.

Designation:	Contents:	Colour:	Carton contents:	Article number:
UNI Sealant-Adhesive	310ml cartridge	White	20 pcs.	3MS290
UNI Sealant-Adhesive	600ml foil pack	Black	20 pcs.	3MS600S

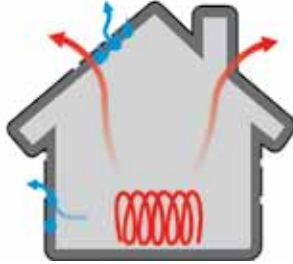
# INFORMATION ON AIRTIGHTNESS

## DEVELOPMENT OF AIRTIGHTNESS

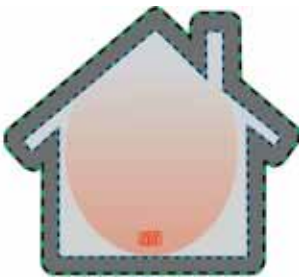
In the past, people were satisfied with a warm room and a roof over their heads. The energy crisis of the 1970's led to increased costs in heating the home to comfortable levels. As a result, ways for improving the energy efficiency of homes were investigated the findings revealed that additional insulation alone was not the answer, and that major energy losses occurred through wind ingress and air loss. Following the energy crisis of the 1970s and 80s it became clear that resources had to be used more efficiently. As a result, since the 1970's, new details, regulations and products were developed to facilitate and enable the building of energy efficient structures. The following economic upswing led to more demand for comfort as well as larger dwellings, all of which needed to be heated in a cost effective manner. Isocell has been helping the construction industry achieve these new standards since the 1990's.



1960s: neither insulated nor airtight.



1980s: A little insulation to save heating costs, but airtightness still ignored



Today: well planned thermal insulation and all around airtightness

## PLANNING AIRTIGHTNESS

### The outer layer (windproof layer)

The outer layer (windproof layer) protects the structure against wind and rain. Wind that travels around and over the building creates a constant pressure/suction force on the structure. Without a wind-proof layer protecting the structure, these pressure/suction forces result in potential air flow passing through the roof and wall elements, thereby reducing the thermal insulating properties of the insulation within the structure. In addition to air movement, ingress of moisture and noise can also occur, leading to potential building damage and an uncomfortable living environment inside the building. The design of roof makeups is governed in Germany by the ZVDH and in Austria by the ÖNORM B 4119. The use of a wind barrier is required to achieve the ÖNORM B 8110-1, the requirement is also stipulated in the OIB guideline. In masonry builds the wind-proofing of the external wall is achieved through exterior plaster; or in the case of ventilated facades, by board/sheeting materials or membranes, which are sealed to be wind-tight and rainproof. Facades with open joints/gaps, such as some timber cladding and glass facades, are generally sealed using permanently UV-resistant facade linings/membranes.

### The internal layer (airtight layer)

Whereas the exterior of the structure must be protected against the weather, the interior also needs to be sealed in order to prevent internal humidity from penetrating the wall and roof elements. This ensures the effectiveness of the insulation as well as it eliminates potential moisture damage. The airtight layer is usually, but not always (depending on climate), on the warm side (inside) of the wall makeup. Airtight layers are created via, for example, interior plaster, concrete, vapour barrier membranes or air-impermeable sheeting such as plywood and other board materials. Elements such as these need to be permanently bonded to each other in order to create a continuous and effective airtight layer. In the case of a successful airtightness concept, the building outline in the sectional view and floor plan can be traced with a pen continuously without interruption. The airtight layer should be continuous and as such a continuous unbroken line should be able to be traced on the sectional and plan drawings of the structure.



## THE RIGHT PRODUCTS AND DETAIL

### Protection against condensation within the structural makeup.

The lack of a functional airtight layer in a structure can lead to uncontrolled moisture entering the structure/insulation and causing structural damage. Apart from also reducing the effectiveness of the insulation, serious structural damage can occur if moisture does not dry out fast enough. Airtightness helps to regulate/control humidity from entering the structural elements, such as roofs and walls, in an uncontrolled manner. It has been estimated that two thirds of structural damage caused by moisture is due to the lack of an effective airtightness layer.

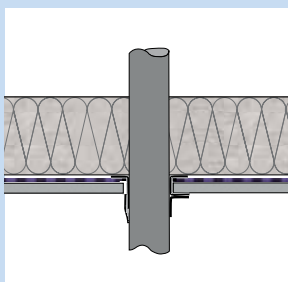
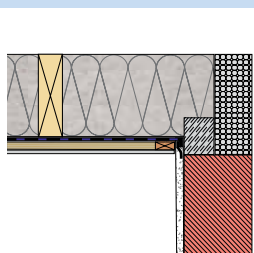
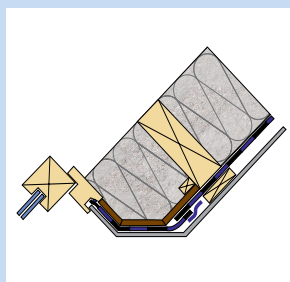
Install the vapour barrier with overlaps of at least 10cm and either mechanically fix it with staples using a staple gun or use double-sided tape. Avoid creases and fold-backs (where the membrane folds back upon itself) and seal the joints using Airstop Adhesive tapes. The membrane can be sealed back to block work using Airstop Joint Paste or Airstop 'Sprint' Adhesive Sealant; alternatively use Airstop Flex tape around the membrane perimeter onto adjoining walls – this can be advantageous as it allows the membrane perimeter to be subsequently plastered into the external wall, thereby creating continuity between the different airtight layers. We recommend that Airstop Flex is covered by a plaster coat of at least 2cm. Adhesive tapes and sealing compounds function as a sealant and not as a mechanical fixing and as such, surface loads (stresses) on the membrane (should they occur), must be reduced by the use of timber battens or C metal profiles.

⚡ Connections to unplastered masonry, eg. bricks or concrete, can be achieved with our Airstop Flex Adhesive Tape which can be plastered over. If the surface is extremely porous we recommend the use of Bubi LF Primer to ensure long term adhesion. In any case the dusting down and cleaning of the surface should be carried out prior to application, for block work or concrete use a brush to brush away loose debris and dust. We recommend that the Airstop Flex Tape be covered with a 2cm layer of plaster during subsequent plastering.



- ⚡ The vapour barrier is attached to plastered masonry, rough concrete or rough timber surfaces using Airstop 'Sprint' Sealing Compound or Airstop "Joint Paste" adhesive.
- ⚡ To guarantee the sealing of penetrations such as vent pipes, solar pipes or electrical conduits/wires we recommend the highly elastic Butyl Stretch Flex which is applied/formed around the penetration – it can be used around any sized shape, including irregular shapes such as steel purlins. We also offer a full range of Airstop Cable or Pipe Sleeves for pipe and wire penetrations.

### Airtight in detail



Further details about:





# VAPOUR BARRIERS + AIR SEALS for roof/wall constructions (indoors)



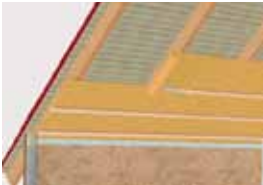
### THE MOST IMPORTANT POINTS AT A GLANCE

- Protection against condensation forming within the structural elements such as roofs and walls.
- Robust solutions and details for connections to masonry, block work or concrete.
- Professional solutions for the sealing of difficult shapes such as steel purlins pipes/wires.



## ÖKO NATUR Vapour Barrier

Fabric-reinforced vapour barrier that regulates moisture. Used as an air-seal layer for wall and roof constructions. Protects the insulation and structure from condensation buildup due to the controlled diffusion of moisture through the membrane.

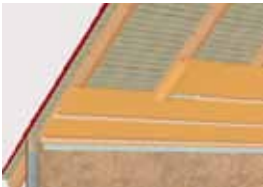


Designation:	Weight:	Sd-value:	Roll dimensions:	Pallet:	Article number:
ÖKO NATUR Vapour Barrier	180g/m <sup>2</sup>	approx. 6.45m	1.0m x 50m	48 rolls (2,400m <sup>2</sup> )	2ISONDB



## FH Vapour Barrier 'fabric-reinforced'

Used as a vapour barrier and airtight layer on wall and roof constructions. High tear resistance due to its integrated fabric mesh reinforcement.

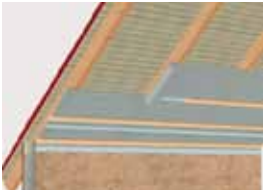


Designation:	Weight:	Sd-value:	Roll dimensions:	Pallet:	Article number:
FH Vapour Barrier 'fabric-reinforced'	165g/m <sup>2</sup>	approx. 6.45m	1.5m x 50m	25 rolls (1,875m <sup>2</sup> )	2ISON150/50
FH Vapour Barrier 'fabric-reinforced'	165g/m <sup>2</sup>	approx. 6.45m	3.0m x 100m	12 rolls (3,600m <sup>2</sup> )	2ISOFHF



## AIRSTOP Vapour Barrier

A transparent vapour barrier and airtight membrane for tighter vapour control, in roof and wall structures. Easy to handle, extremely high tear resistance.



Designation:	Weight:	Sd-value:	Roll dimensions:	Pallet:	Article number:
Airstop Vapour Barrier	90g/m <sup>2</sup>	approx. 18m	1.5m x 50m	25 rolls (1,875m <sup>2</sup> )	2AIRDB
Airstop Vapour Barrier	90g/m <sup>2</sup>	approx. 18m	3.0m x 100m	15 rolls (4,500m <sup>2</sup> )	2AIRDB3

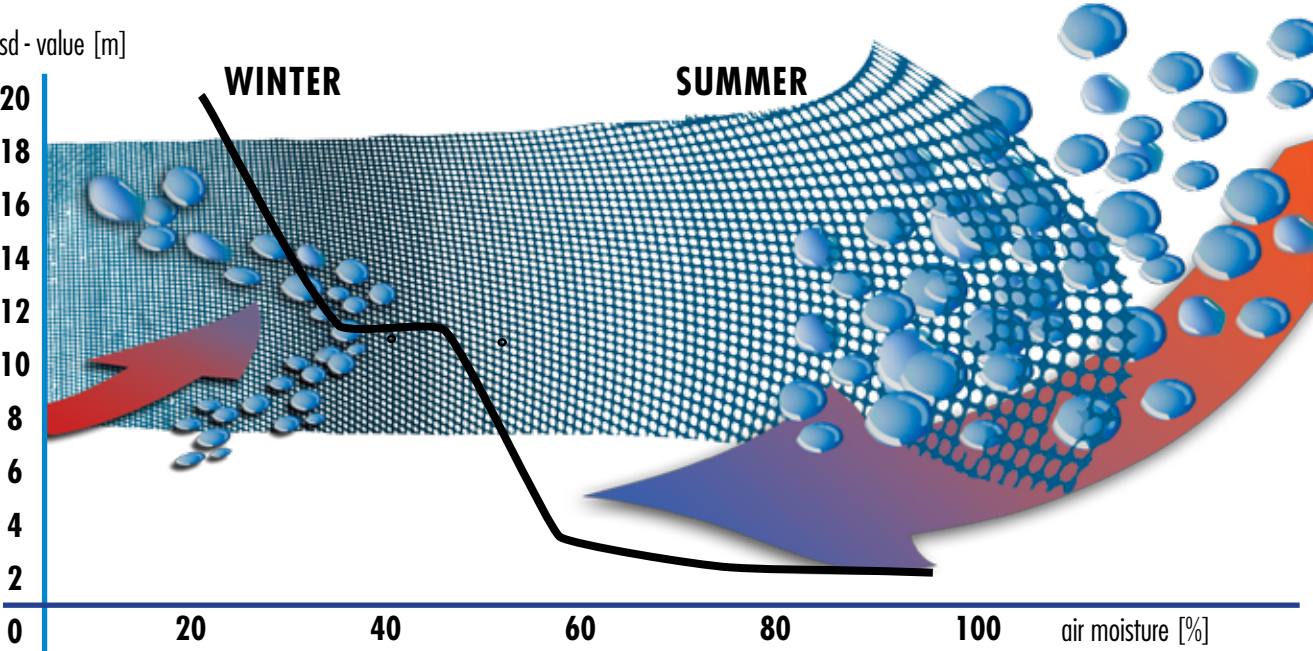


AIRSTOP DIVA FORTE Vapour Barrier

A moisture-variable vapour barrier and airtight membrane. The ability of this membrane to diffuse moisture back into the living area varies/changes depending on the surrounding climatic conditions. It enables a high degree of drying out towards the interior of the structure during the “drying out” months, particularly suitable for non-diffusive wall and roof makeups. Please pay attention to data sheet and guidelines for suitable applications and installation!

Designation:	Weight:	Sd-value:	Roll dimensions:	Pallet:	Article number:
Airstop DIVA FORTE Vapour Barrier	72g/m²	0.2m - 20m	1.5m x 40m	42 rolls (2,520 m²)	2DIVAF
Airstop DIVA FORTE Vapour Barrier	72g/m²	0.2m - 20m	3.0m x 40m	50 rolls (6,000 m²)	2DIVAFN

THE FUNCTIONAL PRINCIPLE OF AIRSTOP DIVA FORTE



The functional membrane of AIRSTOP DIVA FORTE changes its resistance to diffusion depending on the current humidity. Usually room atmosphere is drier in the **winter** months. The sd-value of the moisture-variable vapour barrier increases. This process results in the penetration of only a little vapour into the construction and/or into the insulation. At 25 % relative room humidity the sd-value of AIRSTOP DIVA FORTE increases to 20 m.

In **summer** the relative humidity is higher, particularly in the boundary layer between insulation and vapour barrier due to reverse diffusion. The water molecules are stored in the membrane. The sd-value decreases, causing more water vapour to escape from the construction and into the rooms, the building component becomes drier. At 65 % relative room humidity the sd-value of AIRSTOP DIVA FORTE sinks to just 2.7 m.

Application of Airstop DIVA FORTE

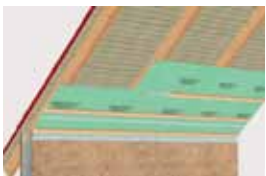


# VAPOUR BARRIERS + AIR SEALS for roof/wall constructions (indoors)



## AIRSTOP VAP Vapour Barrier

Airstop Vap Vapour Barrier is a high quality polyethylene foil barrier for achieving vapour tight/block layers in wall and roof constructions.



Designation:	Weight:	Sd-value:	Roll dimensions:	Pallet:	Article number:
Airstop VAP Vapour Barrier	180g/m <sup>2</sup>	approx. 100m	3.0m x 50m	35 rolls (5,250m <sup>2</sup> )	2VAP3
Airstop VAP Vapour Barrier	180g/m <sup>2</sup>	approx. 100m	4.0m x 25m	54 rolls (5,400m <sup>2</sup> )	2VAP4
Airstop VAP Vapour Barrier	180g/m <sup>2</sup>	approx. 100m	5.0m x 25m	45 rolls (5,625m <sup>2</sup> )	2VAP5



## FH Fleece Vapour Barrier

A transparent vapour barrier and air-seal layer for vapour-permeable roof and wall constructions. Extremely easy to handle and install.

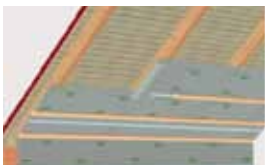


Designation:	Weight:	Sd-value:	Roll dimensions:	Pallet:	Article number:
FH Fleece Vapour Barrier	90g/m <sup>2</sup>	approx. 2.5m	1.5m x 50m	25 rolls (1,875m <sup>2</sup> )	2FHVDB1.5
FH Fleece Vapour Barrier	90g/m <sup>2</sup>	approx. 2.5m	3.0m x 50m	25 rolls (3,750m <sup>2</sup> )	2FHVDB2,8



## TIMBERTEX Vapour Barrier

A tear-resistant, recyclable vapour barrier for vapour diffusing roof and wall makeups. Protects the insulation and structure from condensation buildup due to controlled diffusion of moisture through the membrane.

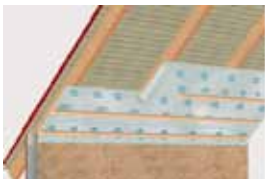


Designation:	Weight:	Sd-value:	Roll dimensions:	Pallet:	Article number:
TIMBERTEX Vapour Barrier	100g/m <sup>2</sup>	ca. 10m	1.5m x 50m	30 rolls (2,250m <sup>2</sup> )	2TTDB1.5
TIMBERTEX Vapour Barrier	100g/m <sup>2</sup>	ca. 10m	3.0m x 100m	20 rolls (6,000m <sup>2</sup> )	2TTDB3



## AIRSTOP 1500 Vapour Barrier

Extremely robust, tear-resistant vapour barrier. Total vapour block/vapour-tight, even under extreme moisture loads such as commercial kitchens. The integrated fleece backing reduces potential surface condensation that can occur under extreme conditions.



Designation:	Weight:	Sd-value:	Roll dimensions:	Pallet:	Article number:
Airstop 1500 Vapour Barrier	270g/m <sup>2</sup>	approx. 1500m	1.5m x 50m	30 rolls (2,250m <sup>2</sup> )	2AP1500



# VAPOUR BARRIERS + AIR SEALS Information Bonding

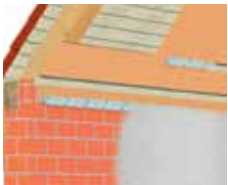
Designation:	Airstop FLEX	Airstop Adhesive Tape	Airstop ELASTO	Airstop ULTRA	Airstop SPRINT
ÖKO NATUR Vapour Barrier	✓✓✓	✓✓✓	✓✓	✓✓	✓✓✓
FH Vapour Barrier 'fabric-reinforced'	✓✓✓	✓✓✓	✓✓	✓✓	✓✓✓
AIRSTOP Vapour Barrier	✓✓✓	✓✓✓	✓✓✓	✓✓	✓✓✓
AIRSTOP VAP Vapour Barrier	✓✓✓	✓✓✓	✓✓✓	✓✓	✓✓✓
AIRSTOP DIVA FORTE	✓✓✓	✓	✓✓✓	✓✓✓	✓✓✓
FH Fleece Vapour Barrier	✓✓✓	✓	✓✓✓	✓	✓✓✓
Airstop 1500 Vapour Barrier	✓✓✓	✓✓	✓✓✓	✓	—



## AIRSTOP FLEX Adhesive Tape

Slightly transparent, multi purpose adhesive tape for airtight bonding. With an exceptionally age-resistant adhesive layer. It is suitable for use on almost all surfaces including masonry and concrete (concrete and masonry to be cleaned and primed with Bubi LF Primer if necessary). Can be plastered over!

**Working temperature: from -5°C**



Designation:	Roll width:	Roll length:	Liner division:	Carton contents:	Article number:
Airstop FLEX Adhesive Tape	50mm	25m	—	8 rolls	3AFLEX50
Airstop FLEX Adhesive Tape	60mm	25m	—	8 rolls	3AFLEX60
Airstop FLEX Adhesive Tape	75mm	25m	30/45	4 rolls	3AFLEX80
Airstop FLEX Adhesive Tape	100mm	25m	50/50	4 rolls	3FLEX100
Airstop FLEX Adhesive Tape	150mm	25m	75/75	2 rolls	3FLEX150
Airstop FLEX Adhesive Tape	200mm	25m	100/100	2 rolls	3FLEX200

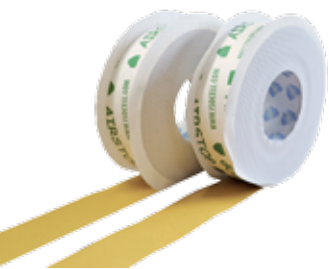


## AIRSTOP FLEX FEE Adhesive Tape

Slightly malleable adhesive tape for permanent airtight bonding. Can be plastered and painted over. Thanks to its split-back lining, it is particularly suitable for the bonding of corners and transitions as well as for window installations in compliance with RAL and ÖNORM B 5320.

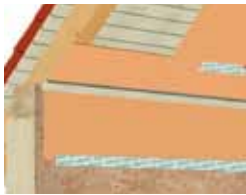
**Working temperature: from -5°C**

Designation:	Roll width:	Roll length:	Liner division:	Carton contents:	Article number:
Airstop FLEX FEE Adhesive Tape	60mm	25m	20/40	8 rolls	3AFLEX60G



AIRSTOP Adhesive Tape

Tear-resistant adhesive tape for airtight sealing. With an exceptionally age-resistant adhesive layer. It is suitable for use on almost all surfaces. Ideally suitable for linear joints.  
Working temperature: from -5°C



Designation:	Roll width:	Roll length:	Carton contents:	Article number:
Airstop Adhesive Tape	50mm	50m	8 rolls	3AKB50
Airstop Adhesive Tape	60mm	50m	8 rolls	3AKB60
Airstop Adhesive Tape	80mm	50m	4 rolls	3AKB80
Airstop Adhesive Tape	100mm	50m	4 rolls	3AKB100
Airstop Adhesive Tape	150mm	50m	2 rolls	3AKB150
Airstop Adhesive Tape	170mm	50m	2 rolls	3AKB170
Airstop Adhesive Tape	200mm	50m	2 rolls	3AKB200



AIRSTOP ELASTO Adhesive Tape

Highly malleable, fabric-reinforced, PE adhesive tape with a generous high quality acrylate adhesive layer for airtight sealing of overlapped membrane joints and wire and pipe penetrations.  
Working temperature: from -5°C

Designation:	Roll width:	Roll length:	Carton contents:	Article number:
Airstop ELASTO Adhesive Tape	50mm	25m	7 rolls	3APEL50
Airstop ELASTO Adhesive Tape	60mm	25m	6 rolls	3APEL60




AIRSTOP Ultra Adhesive Tape

Slightly malleable fabric-reinforced tape for airtight sealing indoors and outdoors. High proportion of adhesive, can be used for difficult substrates such as PP foils.  
Working temperature: from -5°C



Designation:	Roll width:	Roll length:	Carton contents:	Article number:
Airstop ULTRA Adhesive Tape	60mm	40m	10 rolls	3AIR60
Airstop ULTRA Adhesive Tape, Black	60mm	40m	10 rolls	3ULTRA
Airstop ULTRA Adhesive Tape, Black	100mm	40m	6 rolls	3ULTRA1

ADVANTAGES - Airstop ULTRA Adhesive Tape



1 | Bonding in indoor areas such as vapour barriers

2 | Bonding in outdoor areas on roof underlays

3 | Stretchable.



AIRSTOP DIMAROLL

A sealant that is used in the same way as an adhesive tape. For the permanently elastic, airtight sealing of intersections and overlaps, as well as of vapour barriers and foils. Can be used to seal membrane perimeters to walls and other substrates.



Designation:	Roll width:	Roll length:	Carton contents:	Article number:
Airstop DIMAROLL	15mm	16m	15 rolls + 1 dispenser	3DIMA

Application of Airstop DIMAROLL



- 1 | Apply from the roll directly onto the dust and grease-free material or substrate.
- 2 | Pull off the backing strip
- 3 | Press on slightly – done.



AIRSTOP Sealant SPRINT

Odourless, quick-drying sealant for permanent elastic sealing of gaps and joints between building components and overlaps of airtight and vapour barriers in drywall constructions e.g. around door and window installations.

Working temperature: from -5°C



Designation:	Contents:	Colour:	Carton contents:	Article number:
Airstop Sealant SPRINT	310ml cartridge	Beige	20 pcs.	3SPRINT310
Airstop Sealant SPRINT	600ml foil pack	Beige	20 pcs.	3SPRINT600



AIRSTOP Hand Applicator – for universal use

For application and use with both 310ml cartridges and 600ml foil packs

AIRSTOP Compressed Air Gun

For application of sealants and adhesives in 600ml foil sausage/bag



Designation:	Length:	Weight:	Article number:
Airstop Hand applicator	450mm	0.9kg	8HDSP
Airstop Compressed Air Gun	450mm	1.1kg	8DRUCK



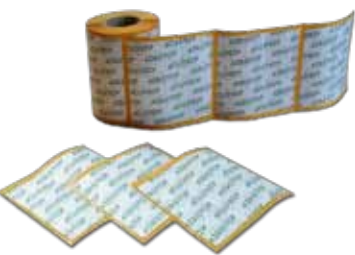
Pressing roller 40mm, cellular rubber

40mm wide pressing roller, made of cellular rubber. Highly suitable for applying even pressure during the application of acrylic adhesive tapes.

Designation:	Contents:	Article number:
Pressing roller	1 pcs.	8ROLL



# BONDING TECHNOLOGY + SEALING SYSTEMS (for openings / penetrations)



## AIRSTOP Sealing Plaster Patches

A tear-resistant adhesive patch with adhesive generously applied. Suitable for sealing holes in a variety of substrates, indoors and out. It is suitable for applying to substrates such as plywood, OSB and membranes.

Working temperature: from -5°C



Designation:	Width:	Length:	Items/roll:	Carton contents:	Article number:
Airstop Sealing Plaster	180mm	180mm	222 pcs.	4 rolls	3AIRPF1
Airstop Sealing Plaster	200mm	200mm	200 pcs.	4 rolls	3AIRPF2



## AIRSTOP Cable Sleeve D1 / DD3

For the permanent airtight sealing of cable penetrations. This product is extremely flexible and resistant to ageing.

Working temperature: from -5°C



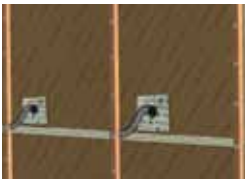
Designation:	Width:	Length:	For penetrations:	Carton contents:	Article number:
Airstop Cable Sleeve D1	150mm	150mm	4mm – 8mm	30 pcs.	3AIRD1K
Airstop Cable Sleeve D1	150mm	150mm	8mm – 12mm	30 pcs.	3AIRD1
Airstop Cable Sleeve DD3	150mm	150mm	4mm – 8mm	30 pcs.	3AIRD3K
Airstop Cable Sleeve DD3	150mm	150mm	8mm – 12mm	30 pcs.	3AIRD3



## AIRSTOP Conduit Sleeve GD 2

For the permanent airtight sealing of penetrations around conduits. This product is extremely flexible and resistant to ageing.

Working temperature: from -5°C



Designation:	Width:	Length:	For penetrations:	Carton contents:	Article number:
Airstop Pipe Sleeve GD 2	150mm	150mm	15mm – 22mm	30 pcs.	3AIRGD2
Airstop Pipe Sleeve GD 2	150mm	150mm	25mm – 35mm	30 pcs.	3AIRGD2/TYP2
Airstop Pipe Sleeve GD 2	228mm	228mm	42mm – 55mm	8 pcs.	3AIRGD2/TYP3

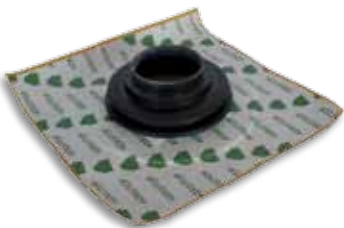
AIRSTOP Pipe Sleeve



For the permanent airtight sealing of penetrations around pipes. This product is extremely flexible and resistant to ageing.  
Working temperature: from -5°C



Designation:	Width:	Length:	For penetrations:	Carton contents:	Article number:
Airstop Pipe Sleeve RGD 50	228mm	228mm	50mm – 70mm	4 pcs.	3SRGD50
Airstop Pipe Sleeve RGD 75	228mm	228mm	75mm – 90mm	4 pcs.	3RGD75
Airstop Pipe Sleeve RGD 100	320mm	320mm	100mm – 110mm	4 pcs.	3RGD100



AIRSTOP Sleeve for Flexible Pipes

For the permanent airtight sealing of penetrations around pipes in roof pitches up to 45°. This product is extremely flexible and resistant to ageing.



Designation:	Width:	Length:	For penetrations:	Carton contents:	Article number:
Airstop Sleeve for Flexible Pipes FRGD 100	350mm	350mm	100mm – 125mm	4 pcs.	3FRGD125
Airstop Sleeve for Flexible Pipes FRGD 150	350mm	350mm	150mm – 165mm	4 pcs.	3FRGD150



OMEGA Aluminium-Butyl Pipe Sleeves and Corrugated Pipe Sleeves

For the permanent airtight sealing of penetrations around pipes. For use on soft fibreboard, concrete, roof underlay etc., indoors and outdoors.

Designation:	Width:	Length:	For penetrations:	Carton contents:	Article number:
OMEGA Pipe Sleeve RGD 50	228mm	228mm	50mm – 70mm	4 pcs.	3SRGD50A
OMEGA Pipe Sleeve RGD 75	228mm	228mm	75mm – 90mm	4 pcs.	3RGD75A
OMEGA Pipe Sleeve RGD 100	320mm	320mm	100mm – 110mm	4 pcs.	3RGD100A
OMEGA Corrugated Pipe Sleeve for FRGD 100	350mm	350mm	100mm – 125mm	4 pcs.	3FRGD125A
OMEGA Corrugated Pipe Sleeve for FRGD 150	350mm	350mm	150mm – 165mm	4 pcs.	3FRGD150A



BUTYL Stretch Flex

For the easy, permanent sealing of penetrations such as rafters at wall junctions, chimneys, ventilation pipes and electrical conduits. Highly suitable for sealing of irregular shapes, such as purlins etc. Can adapt to any shape. 300% expandable.  
Working temperature: from +5°C



Designation:	Roll width:	Roll length:	Carton contents:	Article number:
BUTYL Stretch Flex	50mm	10m	6 rolls	3DEHNFL
BUTYL Stretch Flex	80mm	10m	4 rolls	3DEHN8
BUTYL Stretch Flex	100mm	10m	4 rolls	3DEHN1

# BONDING TECHNOLOGY + SEALING SYSTEMS for windows



## TWO - WAY BONDING

two - way (mounting **before** window installation)  
= the tape is mounted on the window frame before the window is set into the reveal. This option allows you to have the full width of the window frame visible. The acrylic adhesive strip affixed to the window is on the plasterable side (front side of the tape).

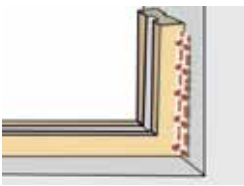
## ONE - WAY BONDING

one - way (mounting **after** window installation)  
= the adhesive tape is attached to the window after the window has already been installed in the reveal and sealed with foam. The acrylic adhesive strip affixed to the window is on the non-plasterable side (rear side of the tape).



## AIRSTOP Window Tape

Foldable adhesive tape with tear-resistant liners that can be pulled off individually (15, 20 & 25mm) for an easy and effective seal of the airtight joint at window and corner junctions.  
**Working temperature: from -5°C**

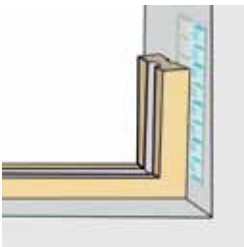


Designation:	Roll width:	Roll length:	Carton contents:	Article number:
Airstop Window Tape	60mm	25m	10 rolls	3AHP75



## ISOWINDOW FLEX WS 75 Window Tape

A quick and effective airtight tape for around window junctions. The tape consists of a fleece back tape that can be plastered over. It features a high-performance adhesive strip that is laminated to its face and also has a split-back liner to aid installation. The adhesive strip can be fixed directly to the window frame without peeling off a backing strip, as such the tape can be installed prior to installation resulting in a solution that is completely concealed, therefore maintaining full visibility of the internal window frame (two-way bonding function). **Divided backing strip: 30/45mm**



Designation:	Roll width:	Roll length:	Carton contents:	Article number:
IsoWindow FLEX WS Window Tape	75mm	25m	4 rolls	3IWFS



## ISOWINDOW F1 Interior

A quick and effective vapour tight (Non vapour permeable) seal for window junctions indoors. The tape consists of a 3-layer fleece vapour barrier. The self-adhesive fixing strip permits easy and concealed installation of the foil tape to the window frame. The other side of the tape is bonded to the wall with Airstop Sprint. The tape can be plastered or painted over.  
**Working temperature: from -5°C**



SYMBOL PICTURE ONE - WAY

Designation:	Roll width:	Roll length:	Carton contents:	Article number:
IsoWindow F1 Indoor (one - way/two - way)	50mm	25m	7 rolls	3AFVAI50/3AFVAI50W
IsoWindow F1 Indoor (one - way/two - way)	75mm	25m	5 rolls	3AFVAI75/3AFVAI75W
IsoWindow F1 Indoor (one - way/two - way)	100mm	25m	3 rolls	3AFVAI100/3AFVAI100W
IsoWindow F1 Indoor (one - way/two - way)	150mm	25m	2 rolls	3AFVAI150/3AFVAI150W

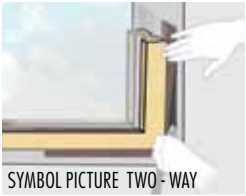




ISOWINDOW F11 Interior

A quick and effective vapour tight (Non vapour permeable) seal for window junctions indoors. The tape consists of a 3-layer fleece vapour barrier with two integrated acrylic adhesive strips. The self-adhesive fixing strips permits easy and concealed installation of the foil tape that can be plastered or painted over.

Working temperature: from -5°C



SYMBOL PICTURE TWO - WAY

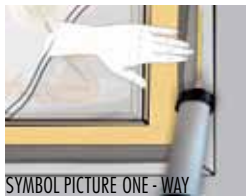
Designation:	Roll width:	Roll length:	Carton contents:	Article number:
IsoWindow F11 Indoor (one - way/two - way)	50mm	25m	7 rolls	3AFVF11150/3AFVF11150W
IsoWindow F11 Indoor (one - way/two - way)	75mm	25m	5 rolls	3AFVF11175/3AFVF11175W
IsoWindow F11 Indoor (one - way/two - way)	100mm	25m	3 rolls	3AFVF111100/3AFVF111100W
IsoWindow F11 Indoor (one - way/two - way)	150mm	25m	2 rolls	3AFVF111150/3AFVF111150W



ISOWINDOW F1 Exterior

A quick and effective vapour open (Vapour permeable) seal for window junctions outdoors. The self-adhesive fixing strip permits easy and concealed installation of the foil tape to the window frame. The other side of the tape is bonded to the wall with Airstop Sprint. The tape can be plastered or painted over.

Working temperature: from -5°C



SYMBOL PICTURE ONE - WAY

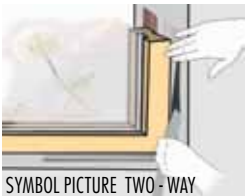
Designation:	Roll width:	Roll length:	Carton contents:	Article number:
IsoWindow F1 Outdoor (one - way/two - way)	50mm	25m	7 rolls	3AFVAA50/3AFVAA50W
IsoWindow F1 Outdoor (one - way/two - way)	75mm	25m	5 rolls	3AFVAA75/3AFVAA75W
IsoWindow F1 Outdoor (one - way/two - way)	100mm	25m	3 rolls	3AFVAA100/3AFVAA100W
IsoWindow F1 Outdoor (one - way/two - way)	150mm	25m	2 rolls	3AFVAA150/3AFVAA150W



ISOWINDOW F11 Exterior

A quick and effective vapour open (Vapour permeable) seal for window junctions outdoors. The self-adhesive fixing strips permits easy and concealed installation of the foil tape that can be plastered or painted over.

Working temperature: from -5°C



SYMBOL PICTURE TWO - WAY

Designation:	Roll width:	Roll length:	Carton contents:	Article number:
IsoWindow F11 Outdoor (one - way/two - way)	50mm	25m	7 rolls	3AFVF11A50/3AFVF11A50W
IsoWindow F11 Outdoor (one - way/two - way)	75mm	25m	5 rolls	3AFVF11A75/3AFVF11A75W
IsoWindow F11 Outdoor (one - way/two - way)	100mm	25m	3 rolls	3AFVF11A100/3AFVF11A100W
IsoWindow F11 Outdoor (one - way/two - way)	150mm	25m	2 rolls	3AFVF11A150/3AFVF11A150W



ISOWINDOW Soft cell foam 750ml

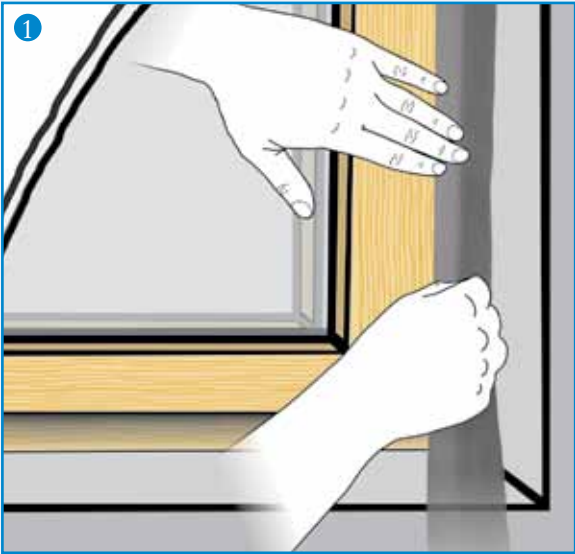
Moisture-curing, open cell, single-component foam ideally suited for window installations. Quick and effective airtight, rainproof and vapour open (Vapour permeable) foam for sealing and insulating of joints in building makeups. Free from CFCs, FCs and HCFCs.

Working temperature: +5°C – +35°C

Designation:	Thermal conductivity:	Sound proofing:	Carton contents:	Article number:
IsoWindow Soft Cell Foam	0.035 W/mK	up to 58dB	12 pcs.	3FOAM

# GUIDELINES FOR THE APPLICATION ISOWINDOW F1 ONE-WAY

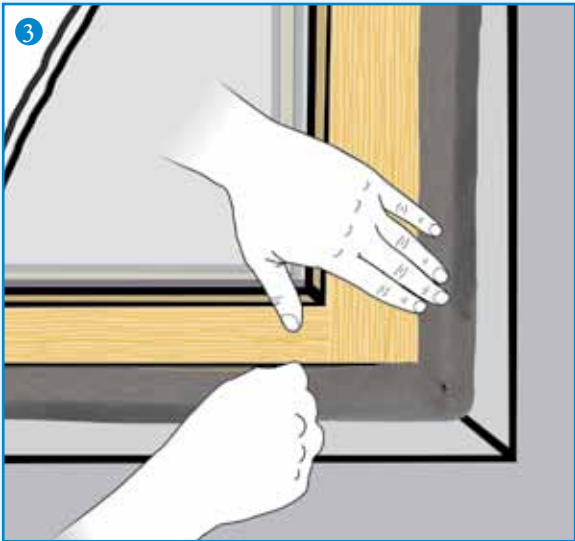
**ISOWINDOW F1 Window Tapes One-way** (Interior or Exterior) are attached to the window casement after the windows have been fitted. The fleece side of the tape can be plastered over and painted over and must face outwards. The aluminium-clad or white side is attached to the wall using **AIRSTOP** Sealant Sprint or **AIRSTOP** Joint Paste. The materials used must be free from dust and grease and substrates must be dry and supporting.



Cut the window tape with approximately 12cm excess in length. Pull off the backing paper from the adhesive strip and carefully press it onto the window frame, applying firm pressure either by hand or through the use of a roller.



Make an 'ear' (fold, loop) at the corners. Do this by pressing the window tape firmly into place up to approximately 2cm away from the corner. Then slightly lifting it and turning it 90° thereby creating a fold or loop that is then pressed back into the corner.



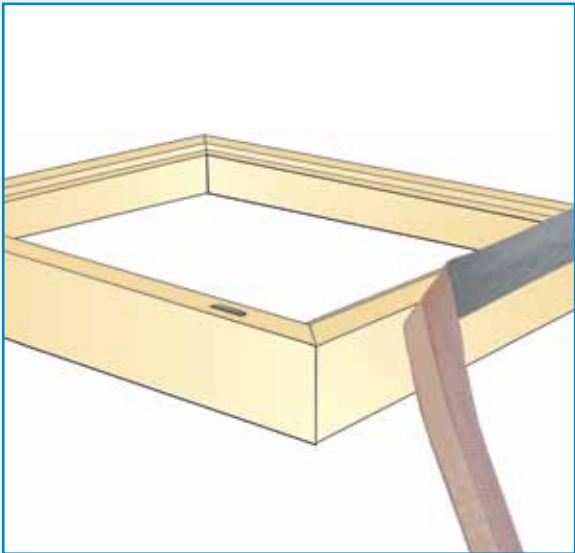
Now continue to press the window tape onto the window frame. The 'ear' created will seal the corners perfectly. Repeat this procedure at every corner. Fill the connection joint with foam or with insulation material (e.g. ISOWINDOW Insulating Rope, ISOWINDOW Soft Cell Foam).



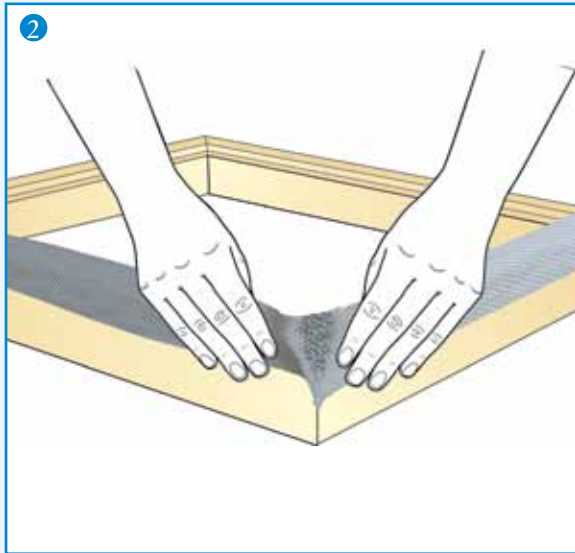
When the window tape has been fixed all around the casement and the joint insulated, a bead is drawn on the adjoining construction element with **AIRSTOP** Sealant Sprint or **AIRSTOP** Joint Paste. Then apply slight pressure to the window tape. (Do not flatten the bead!)

# GUIDELINES FOR THE APPLICATION ISOWINDOW F1 TWO-WAY

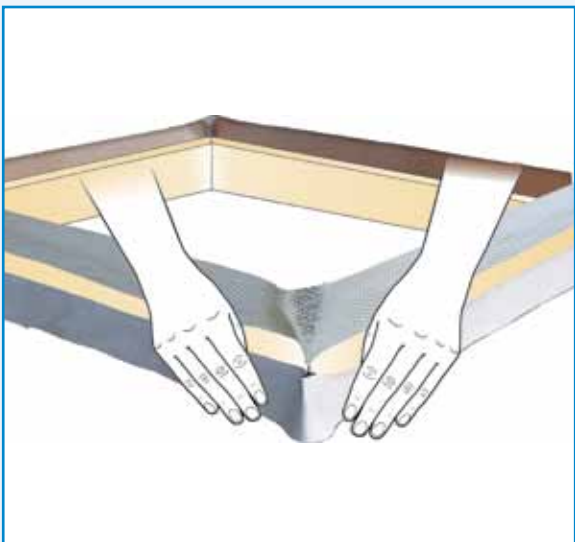
**ISOWINDOW F1 Window Tapes Two-way** (Interior or Exterior) are attached to the window casement before the windows are fitted. The fleece side of the tape can be plastered over and painted over. The aluminium-clad or white side is attached to the wall using **AIRSTOP** Sealant Sprint or **AIRSTOP** Joint Paste. The materials used must be free from dust and grease and substrates must be dry and supporting.



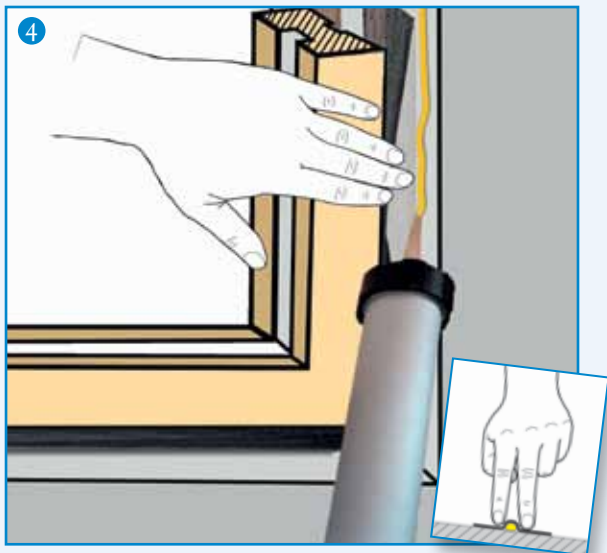
Position the window frame with the inside facing upwards. Cut the window tape F1 WI (beige and silver), allowing approx. 12 cm excess length. Pull off the backing paper from the adhesive tape and carefully press the attachment strips on to the window frame.



Make a fold at the corners, pressing the window tape firmly up to the corner of the window frame, then push further material behind to create a fold. Repeat this procedure at all 4 corners. The folds created serve as corner seals.



Now attach the window tape F1 WA (white and black) to the lower side (outer side) of the window frame in the same way. The window frame with the window tapes attached can now be lifted into the window opening. Fill the connection joint with foam or with insulation material (e.g. ISOWINDOW Insulating Rope, ISOWINDOW Soft Cell Foam).



After insulation of the joint a bead is drawn on the adjoining construction element with **AIRSTOP** Sealant Sprint or **AIRSTOP** Joint Paste. Apply slight pressure to the window tape. (Do not flatten the bead!)

OMEGA Liquid Sealing Compound



is a sealant for outdoor use and can be applied by brush. The water-based compound is particularly suitable for creating jointless seals in critical spots in window areas, as a second drainage level below window sills, at penetration points and in the outer wall area against pressureless subsiding water; ideal for temporary seals of solid wood elements at wall openings and end - grain areas.

OMEGA LIQUID Sealing Compound bonds with many surfaces such as wood, concrete, aerated concrete, metal, polyester, wallboard, expanded foam panels (EPS, XPS, PUR).

**Working temperature: from +5° C**



Designation:	Contents:	Article number:
OMEGA Liquid Sealing Compound	7kg container	3ISOL
OMEGA Liquid Sealing Compound	25kg container	3ISOL1



OMEGA Liquid Joint Tape

The glass fibre mesh has exceptional strength and resistance to moisture and remains strong and stable making it highly suitable for reinforcing joints when used in combination with OMEGA LIQUID sealing compound.



Designation:	Roll width:	Roll length:	Carton contents:	Article number:
OMEGA Liquid Joint Tape	50mm	25m	8 rolls	3ISOL2

Examples of applications for OMEGA Liquid Sealing Compound



**WINDOW SILLS**  
To produce a secondary defence/ drainage against condensation and water ingress providing added protection for areas below window sills.



**EXTERNAL WALLS**  
Sealing in and around external walls in areas that are not subjected to standing water.



**MATERIAL COMBINATIONS**  
Ideal for creating temporary sealing/protection for joints and details of prefabricated elements for protection against the elements during the construction phase.



**PENETRATIONS**  
Sealing externally around pipe and wall penetrations.



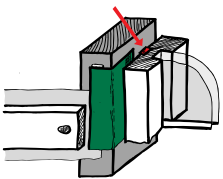
**SOLID WOOD ELEMENTS**  
To temporarily seal and protect sawn timber and end grain against damage from water and moisture absorption during the construction phase.





Compressed Joint Tape BG1

Pre-compressed, impregnated foam tape for sealing of joints between components, such as around window installations, metal beams and timber wooden panels in timber frame construction. Resistant to wind-driven rain, UV-resistant.



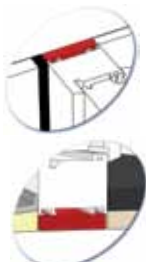
for joint width in mm	for joint depth in mm	Designation for ordering	Roll length in m	contents of original cartons Number of rolls / in m	Article number
2 - 3	10	10 / 2 - 3	12.5	30 / 375	3BG110/2
	15	15 / 2 - 3		20 / 250	3BG115/2
	20	20 / 2 - 3		15 / 187.5	3BG1120/2
3 - 5	10	10 / 3 - 5	10	30 / 300	3BG110/3
	15	15 / 3 - 5		20 / 200	3BG115/3
	20	20 / 3 - 5		15 / 150	3BG120/3
4 - 7	15	15 / 4 - 7	8	20 / 160	3BG115/4
	20	20 / 4 - 7		15 / 120	3BG120/4
	25	25 / 4 - 7		12 / 96	3BG125/4
6 - 10	15	15 / 6 - 10	5.6	20 / 112	3BG115/6
	20	20 / 6 - 10		15 / 84	3BG120/6
	25	25 / 6 - 10		12 / 67.2	3BG125/6
	30	30 / 6 - 10		10 / 56	3BG130/6
8 - 13	10	10 / 8 - 13	4.3	30 / 129	3BG110/8
	20	20 / 8 - 13		15 / 64.5	3BG120/8
	25	25 / 8 - 13		12 / 51.6	3BG125/8
	30	30 / 8 - 13		10 / 43	3BG130/8
10 - 16	20	20 / 10 - 16	3.3	15 / 49.5	3BG120/10
	25	25 / 10 - 16		12 / 39.6	3BG125/10
	30	30 / 10 - 16		10 / 33	3BG130/10
16 - 27	30	30 / 16 - 27	5.2	10 / 52	3BG130/16

other dimensions on enquiry



ISOWINDOW Foam Joint Tape

A pre-compressed multi-function tape made from soft, permanently elastic fine-pored polyurethane foam, used for sealing predefined gaps (around windows and doors). Conforms to higher sealing standards e.g. in timber frame structures. Resistant to driven rain up to 600 Pa.



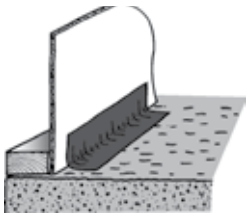
for joint width in mm	for joint depth in mm	Designation for ordering	Roll length in m	contents of original cartons Number of rolls / in m	Article number
6 - 13	60	54 / 6 - 13	8	5 / 40	3IWFSB9
	70	64 / 6 - 13		4 / 32	3IWFSB91
	80	74 / 6 - 13		4 / 32	3IWFSB92
	100	94 / 6 - 13		4 / 32	3IWFSB96
9 - 18	60	54 / 9 - 18	6	5 / 30	3IWFSB93
	70	64 / 9 - 18		4 / 24	3IWFSB94
	80	74 / 9 - 18		4 / 24	3IWFSB95
	100	94 / 9 - 18		4 / 24	3IWFSB97



OMEGA Sealing Tape

Highly flexible and robust sealing tape, adhesive on one side. Particularly suitable for seals in and around internal doorstep thresholds.

Thickness: 1.5mm  
Working temperature: from +5°C



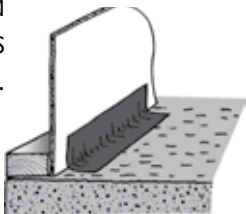
Designation:	Roll width:	Roll length:	Carton contents:	Article number:
OMEGA Sealing Tape	100mm	10m	10 rolls	30MDI
OMEGA Sealing Tape	150mm	10m	6 rolls	30MDI150
OMEGA Sealing Tape	200mm	10m	5 rolls	30MDI200

AIRSTOP Bitumen Rubber Tape



Bitumen rubber, permanently elastic with a self-adhesive backing. Particularly suitable for sealing problematic joints between interior steel purlins and plates to concrete walls and concrete substrates. Highly suitable for sealing plywoods, osb, fibreboards and softboards in and around roof junctions, as well as external corner details around window sill areas. Divided backing strip makes it easy to manipulate into and around corners.

Thickness: 1.5mm  
Working temperature: from -10°C



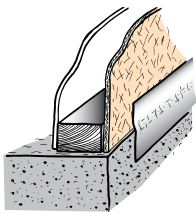
Designation:	Roll width:	Roll length:	Carton contents:	Article number:
Airstop Bitumen Rubber Tape	100mm	10m	10 rolls	3APBB100
Airstop Bitumen Rubber Tape	150mm	10m	6 rolls	3APBB150
Airstop Bitumen Rubber Tape	200mm	10m	5 rolls	3APBB200
Airstop Bitumen Rubber Tape	300mm	10m	3 rolls	3APBB300

OMEGA Aluminium Tape



The tape has a tear-proof base of aluminium/polyester foil composite. It has excellent adhesive properties and high resistance to ageing and UV light. It is used to seal gaps, rainwater gutters, flashing at eaves and valleys as well as ventilation and drainpipe joints. Particularly suitable for seals at (outer) threshold joints.

Working temperature: from -5°C

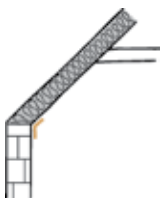


Designation:	Roll width:	Roll length:	Carton contents:	Article number:
OMEGA aluminium tape	50mm	10m	12 rolls	30MAL50
OMEGA aluminium tape	100mm	10m	6 rolls	30MAL100
OMEGA aluminium tape	200mm	10m	2 rolls	30MAL200
OMEGA aluminium tape	300mm	10m	2 rolls	30MAL300



AIRSTOP Plasto Tape

Ideal for connections with masonry and chimney breasts that are to be plastered over or painted over. Divided backing strip enables precise application in corners and at junctions.



Thickness: 1.5mm  
Working temperature: from +5°C

Designation:	Roll width:	Roll length:	Carton contents:	Article number:
OMEGA Plasto Tape	75mm	25m	4 rolls	3AIRPLA75
OMEGA Plasto Tape	100mm	25m	2 rolls	3AIRPLA1
OMEGA Plasto Tape	150mm	25m	2 rolls	3AIRPLA150



UNI Primer and UNI Spray Primer

A solvent-based synthetic-resin primer, for preparation of porous substrates such as masonry and concrete to optimise the bond of cold-setting adhesive tapes, and cold self-adhesive roof underlays. Penetrates up to 3mm into the surface. Fast curing. **Particularly recommended in winter!** Yield: Approx. 5 m<sup>2</sup>/litre  
Working temperature: from -10°C



Designation:	Contents:	Article number:
UNI spray primer	500ml can (carton contents: 12 cans)	3ALLW
UNI Primer	1-litre can	3ALLW1
UNI Primer	5-litre canister	3ALLW5



BUBI LF Adhesive Primer

High quality solvent-free primer for all acrylic, butyl, bitumen and bitumen rubber tapes. Also for priming EPS and XPS. Forms an adhesive film which bonds to the tapes applied.

Yield: Approx. 10 m<sup>2</sup>/litre  
Working temperature: from -10°C



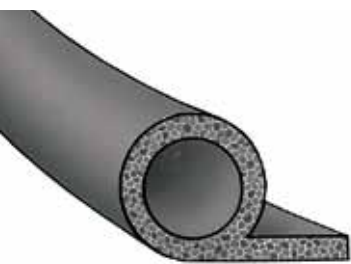
Designation:	Contents:	Article number:
BUBI LF Adhesive Primer	1-litre dosing bottle	3BUBILF
BUBI LF Adhesive Primer	5kg canister	3BUBILF5
Application roller for BUBI LF		8ROLL1



AIRSTOP Cleaning Agent for Adhesives

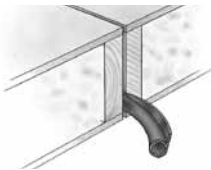
Cleaning agent with a natural base, for removal of all kinds of adhesive residues. This special cleaner is a product based on natural substances for the effective removal of adhesive residue, remains and marks of rubber, oil, grease, resin, tar, paint, pencil marks, pen and felt-pen ink from all surfaces. Also used for the removal of labels from glass and window frames, etc.

Designation:	Contents:	Article number:
Airstop Cleaning Agent for Adhesives	400ml can	3AIRLÖS

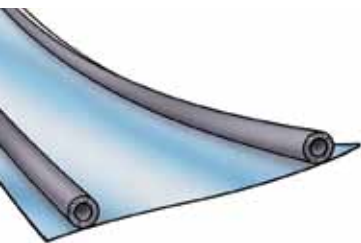


P-Seal – Seal for construction elements

Used for sealing joints between floor elements and ceiling panels as well as other applications.

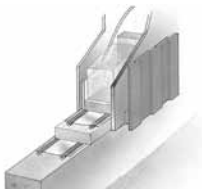


Designation:	Roll width:	Thickness:	Roll length:	Carton contents:	Article number:
P-seal P 12 20	20mm	12mm	100m	500m / 5 rolls	3P12
P-seal P 17 27	27mm	17mm	50m	150m / 3 rolls	3P17

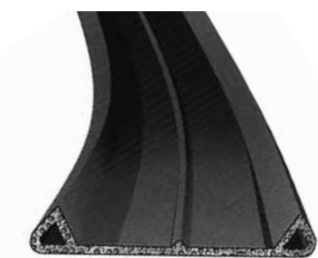


ST - Sealant of thresholds and wall joints

Sealing with EPDM cellular rubber offers unique advantages. EPDM rubber seals against moisture, cold, warmth, wind and sound, and is water-repellent. Thanks to its closed cells it also has good insulating characteristics and a high resilience and resistance to ageing.

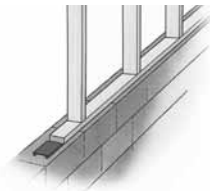


Designation:	Roll width:	Thickness:	Roll length:	Carton contents:	Article number:
ST seal ST 100	100mm	10mm	25m	250m / 10 rolls	3ST100
ST seal ST 150	150mm	10mm	25m	200m / 8 rolls	3ST150
ST seal ST 175	175mm	10mm	25m	150m / 6 rolls	3ST175
ST seal ST 200	200mm	10mm	25m	150m / 6 rolls	3ST200
ST seal ST 250	250mm	20mm	20m	60m / 3 rolls	3ST250
ST seal ST 420	420mm	20mm	20m	40m / 2 rolls	3ST420



LVD EPDM Cellular Rubber

Absorbs movement in joints and elements. Provides wind seal and thermal insulation. Its outstanding features is its performance as seal even under slight pressure due to its profile and the softness of the cellular rubber.



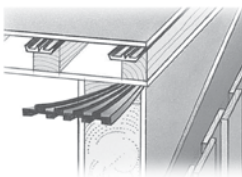
Designation:	Roll width:	Thickness:	Roll length:	Carton contents:	Article number:
LVD EPDM cellular rubber LVD 35	35mm	10mm	50m	400m / 8 rolls	3LVD35
LVD EPDM cellular rubber LVD 70	70mm	10mm	50m	250m / 5 rolls	3LVD70
LVD EPDM cellular rubber LVD 120	120mm	10mm	25m	150m / 6 rolls	3LVD120





Impact sound insulation made of cellular/solid rubber

Reduces contact/impact sound/noise that often arises e.g. in floors, framing (wood/wood, concrete/wood, concrete/concrete) which also spreads as structure-born noise (noise travelling through structural elements such as timber and metal beams). It is installed without nails or pins, but can be glued into position if required.



STG 45: Cellular rubber

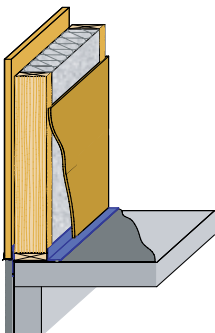
STG 50: Solid rubber

Designation:	Roll width:	Thickness:	Roll length:	Carton contents:	Article number:
Impact sound insulation STG 45	45mm	10mm	50m	150m / 3 rolls	3STG45
Impact sound insulation STG 50	50mm	5mm	50m	200m / 4 rolls	3STG50



EPDM sealing strip

This is an elastic rubber sealing strip made from EPDM rubber polymer with a low water vapour transmission factor. The sealing strip has a structured surface on both sides for optimum bonding.



Bonding with: Adhesive Paste 3300

EPDM sealing strip SK: Additional charge for acrylic adhesive strips € 0.46/m  
Individual widths from 50mm - 1,700mm available on request.

Designation:	Roll width:	Thickness:	Roll length:	Carton contents:	Article number:
EPDM sealing strip	100mm	0.75/1mm	25m	4 rolls	3EPDM100/3EPDMD1
EPDM sealing strip	150mm	0.75/1mm	25m	2 rolls	3EPDM150/3EPDM15
EPDM sealing strip	200mm	0.75/1mm	25m	2 rolls	3EPDM200/3EPDM20
EPDM sealing strip	300mm	0.75/1mm	25m	1 roll	3EPDM300/3EPDM30



Primer 9900

Polymer-based bonding compound for porous surfaces such as concrete and masonry.

Yield: approx. 0.1 l – 0.2 l/m<sup>2</sup>

Working temperature of both air and material from +5°C.

Designation:	Contents:	Article number:
Primer 9900	2.5-litre can	3EPDMP



Adhesive Paste 3300

For the gluing of EPDM sealing strips to wood, masonry and concrete.  
Priming with: Primer 9900

Designation:	Weight:	Colour:	Carton contents:	Article number:
Adhesive Paste 3300	600ml foil pack	Black	12 foil packs	3EPDMKL

HEAD OFFICE NEUMARKT



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ISOCELL not only offers you high-quality products.

The professional, **personal consultation** and the **additional services** offered by our employees count for much more.



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**ISOBLOW**

Innovative machinery, designed and engineered for the professional installation of cellulose insulation, on site, as well as off-site, for pre-manufactured wall, floor and roof panels – custom-made solutions for every need.

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**VIDEO ABOUT OUR MACHINES**

# TERMS AND CONDITIONS OF BUSINESS

## 1. Validity

The following terms of delivery and payment constitute the principal part of every contract entered into with ISOCELL GmbH now and in the future. Differing general terms and conditions specified by partners of ISOCELL GmbH are not considered as being included and do apply. Should the contract partner be a domestic consumer, differing terms apply only in as far as the laws governing consumer rights do not dictate otherwise.

## 2. Delivery date and deadline

Delivery times and dates are not binding unless expressly declared as 'set dates'. Claims for damages may not be made as a result of delivery delays.

## 3. Delivery and transfer of risk

The obligation to supply is suspended for such periods as the buyer is in arrears with payment for the product or with payments in connection with other legal transactions. Delivery of the goods is made in the trade packing ex works or branch, for account of and at the risk of the buyer. Transfer of risk takes place when the goods are handed over to the forwarder or when the goods are loaded onto the transport vehicle provided. Transport damage is therefore always the responsibility of the acceptor. Prices agreed as excluding delivery do not include loading charges. After receipt an immediate inspection of the goods must take place to ensure that delivery has been duly carried out and that the goods are conform to their description. Notice of complaints must be given in writing immediately and without delay to avoid loss of title.

## 4. Handover

The customer undertakes to comply with the formalities applicable to handover on the construction site or other delivery address. Should none be present the seller has the right to unload the goods on the account of the buyer and at the buyer's risk and to deposit the goods so fulfilling the contract.

## 5. Payment and price

All prices are subject to change. Payments must always be made within 8 days of date of invoice. Receipt of the invoice has no relevance to the date when the payment is due. If the buyer is in arrears with payment default interest at the rate of interest for an unsecured business loan of at least 11.2% p.a. becomes payable. All costs including out-of court costs for assertion of claims as well as those incurred through a debt collection agency are charged to the customer at the rates set out in these conditions.

## 6. Proprietary rights and assignment of claims

Until full payment has been received all goods delivered remain the property of ISOCELL GmbH. If the buyer is in arrears with payment, ISOCELL GmbH is entitled, without withdrawal from the contract, to demand the return of the goods and to collect the same. In the event that the goods delivered have already been sold or processed before full payment has been made – either for the goods or for other transactions – the customer herewith irrevocably surrenders those sums of money resulting from the sale or use of the goods and payable to him by his own customer / buyers to the amount of his obligations to ISOCELL GmbH. This surrender becomes effective with its acceptance by ISOCELL GmbH.

## 7. Guidance and instructions for use

Consultancy services provided by ISOCELL GmbH do not form part of the order and are without exception non-binding. The customer is obliged to request a description of the product and the guidelines for use and to adhere to these specifications during installation of the material supplied. Decisions concerning the use and application of the goods are made at the customer's own risk.

## 8. Calculation

Indications made by ISOCELL GmbH relating to quantities or areas for coverage etc. are not contractually binding. Such values may differ considerably due to local conditions, the actual installation, methods of application etc.

## 9. Warranty

In the event of duly notified defects ISOCELL GmbH will, as it chooses, fulfil warranty obligations in the form of improvement, exchange for faultless goods, price reduction or cancellation of the contract and credit the amount of the purchase price. The customer is permitted to demand a price reduction or nullification of the sale only after giving written notice of this intention if ISOCELL GmbH does not provide improvement or exchange of the goods within an appropriate period. All claims for warranty made by the customer to ISOCELL GmbH expire after 5 years from delivery of the goods, or, in the case of machines, 2 years after delivery.

## 10. Liability and compensation

The liability of ISOCELL GmbH for damage claims of any kind whatsoever is limited to particularly wilful negligence and intent. This does not however apply in the event of injury to persons. No liability is accepted for consequential damage, indirect damage or accompanying damage. All claims for damage on the part of the customer against ISOCELL GmbH. are limited by statute to maximum 3 years after delivery of the goods, even in the event that faults are identified at a later date. The buyer and/or the customer waives the right to claim compensation from ISOCELL GmbH for warranty that has taken place and also for damage governed by the product liability law. The customer undertakes to impose the aforementioned waiver to every further company and to indemnify and hold harmless ISOCELL GmbH against such claims by others.

## 11. Exclusion of set-off

The customer expressly waives compensation for any counterclaims against ISOCELL GmbH for claims to which he is entitled.

## 12. Jurisdiction and applicable law

The parties agree that only Austrian substantive or adjective law shall apply. Application of the United Nations convention governing sales contracts (Austrian Federal Law Gazette 1988/96 in its current version) and all provisions referring to it are expressly excluded. Place of fulfilment is the company headquarters, court of jurisdiction is the Regional Court Neumarkt near Salzburg, irrespective of the value in dispute. Before legal action is taken, a mediation attempt must be made according to the circumstances of the individual case.

## 13. Data protection

In accordance with the laws governing data protection we explicitly state that data concerning our customers is processed by means of our computer system and transferred to a file.

## 14. The written form

Verbal collateral agreements are not entered into. Annulment, change or amendment of the Terms must be in writing and requires the signature of all parties. This applies also to a change in this formal requirement.

## 15. Acceptance of our terms

The written order is taken as confirmation of receipt of the General Terms of ISOCELL GmbH.

## 16. Salvatory clause

Should any part of this agreement contradict any existing law or be invalid for any reason, the rest of the agreement shall remain unaffected and valid. The invalid provision is to be replaced by a valid provision which is as close as possible to the economic equivalent of the intended aim.

Issued September 2011

We look forward to your visit to our homepage

[www.isocell.com](http://www.isocell.com)



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The ISOCELL logo is displayed in a white rounded rectangle. The word "ISOCELL" is written in a green, serif, all-caps font. Below the text, there is a horizontal bar composed of a blue segment on the left and a green segment on the right, separated by a thin white diagonal line.