

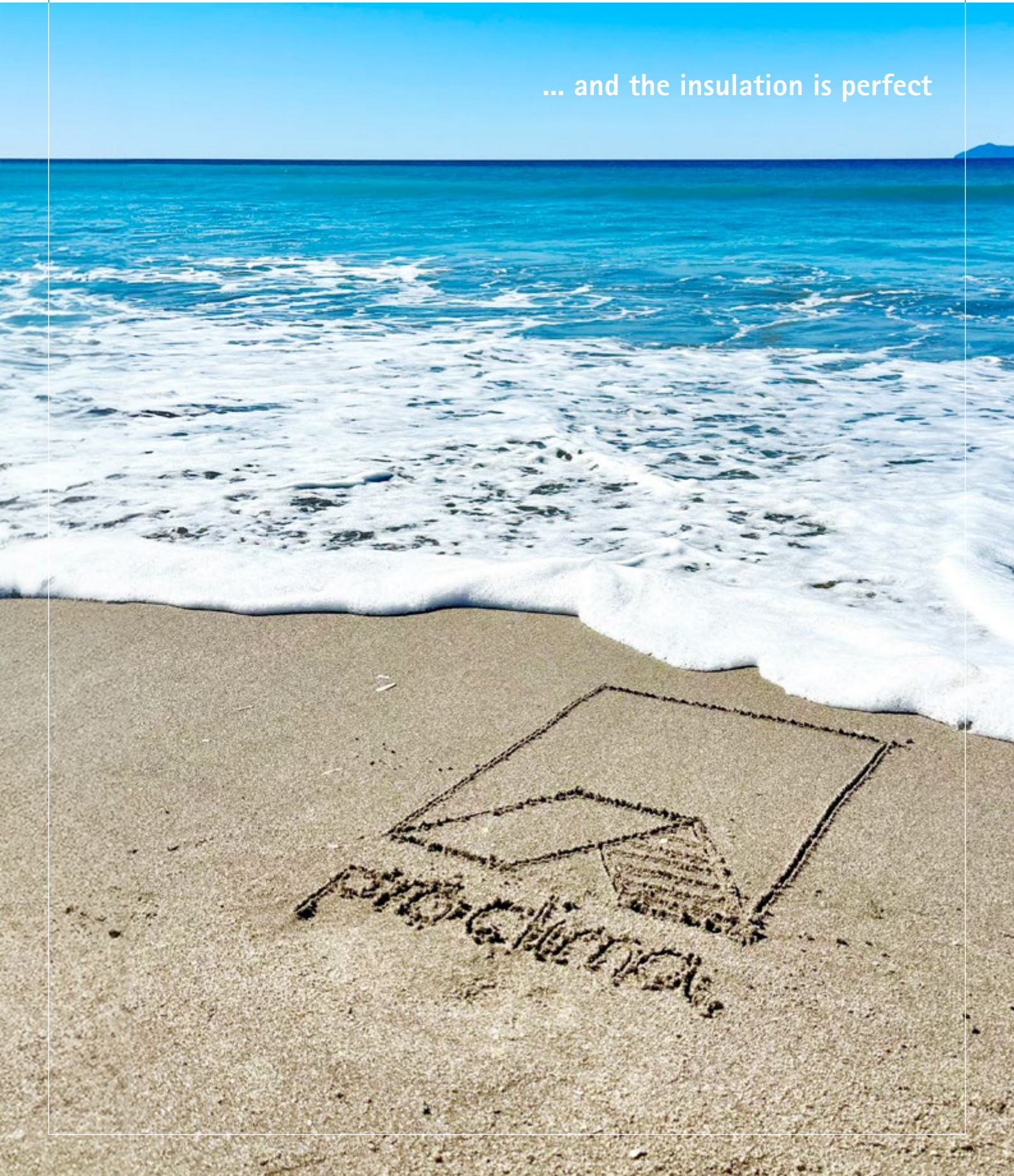


# PRODUCT CATALOGUE

New Zealand

July 2026

... and the insulation is perfect





## Assisting You Across New Zealand

### General

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- Technical advice & detail reviews
- Product selection
- CPD presentations
- On-site training & assistance
- Project quotes



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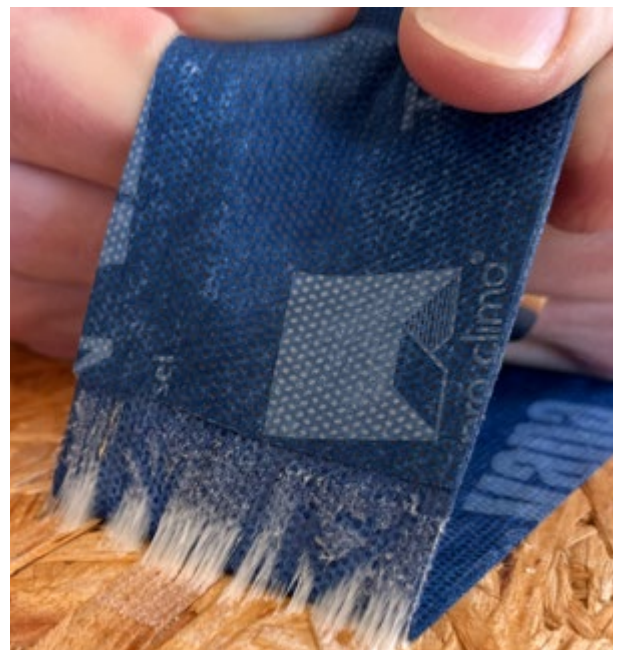


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## Confirmed by Tests – 100 Year Durability

### Permanent airtightness with Pro Clima!



- ✓ Reliable function tested for 700 days of accelerated aging
  - ✓ Independently confirmed
  - ✓ Minimum requirements significantly exceeded
- 

#### Thermal insulation and airtightness should perform for more than 50 years

Adhesive tapes which are applied to attain airtightness in accordance with DIN 4108-7, SIA 180 or OENORM B 8110-2 should have a durability of 50 to 100 years – after all, this is the expected service life of thermal insulation layers, to ensure that they protect against damage due to convection and moisture vapour ingress.

This period corresponds with reality as airtightness is currently being optimised and thermal insulation is being replaced or adapted for today's legal requirements on structures dating from the 1950s, 1960s and 1970s.

#### 17 years can be regarded as permanent

A process for accelerated ageing of adhesive tape joints has been developed at the University of Kassel as part of a research project on "Quality assurance for adhesive-based joint technology in airtightness layers". With this process, adhesive tapes have to demonstrate certain specified minimum tensile strengths after being stored at increased air temperature and humidity (65 °C and 80% relative humidity) for a period of 120 days (this corresponds to around 17 years in reality). On successful completion of this test an adhesive tape can be regarded as permanent.

#### pro clima adhesive tapes have been successfully tested for 700 days = 100 years

As part of tests to ascertain the durability of airtight joints, pro clima's TESCON® VANA\*, UNI TAPE and TESCON No.1 adhesive tapes have also been subjected to accelerated ageing at the University of Kassel under the conditions described above. At the request of Pro Clima, the test period was increased from 120 days to 700 days. Accelerated ageing for 700 days corresponds to 100 years in reality. The test results for the three adhesive tapes from Pro Clima were also positive for this increased period of accelerated ageing. The composition of the solid acrylate adhesive used on TESCON® PROFIL & TESCON EXTORA® sold in Australia and New Zealand is the same as TESCON® VANA that has been tested for 100-year adhesion.



#### You are on the safe side with Pro Clima!

These demanding tests with increased test periods have confirmed the suitability of TESCON® VANA\* adhesive tape for the creation of permanent airtightness which surpasses the requirements of DIN 4108-7, SIA 180 and OENORM B 8110-2. This confirms that Intelligent Air Barriers, airtight wood-based panels and exterior Weather Resistant Barriers can be reliably bonded using pro clima products!

TESCON® **VANA**



TESCON® **PROFIL**



TESCON **EXTORA**®




---

\*The solid acrylate adhesive used on TESCON® PROFIL & TESCON EXTORA® sold in Australia and New Zealand is the same as TESCON® VANA tested for 100-year adhesion when used for airtightness only.

# Complete building envelope system products

Made in Germany for New Zealand conditions

- TESCON® NAIDECK** Double-Sided Self-Sealing Strip
- TESCON EXTORA® PROFIL** Weathertight Corner Sealing Tape
- TESCON® PROFIL** Corner Sealing Tape
- SOLITEX MENTO®** Roof Weather Resistive Barrier
- INTELLO®** Intelligent Air Barrier
- KAFLEX mono** Cable Sealing Grommet
- TESCON® VANA** Multi-Purpose Adhesive Tape
- SOLITEX EXTASANA®** Wall Weather Resistive Barrier
- ROFLEX** Sealing Grommet For Pipes
- CONTEGA® EXO** Exterior Joinery Connection Strip
- ORCON® CLASSIC** Multi-Purpose Liquid Adhesive
- TESCON EXTORA®** Weathertight Sealing Tape
- TESCON EXTOSEAL®** Sill Tape

AU      GER      UK      EU      IRL

NZ

Global



# WARRANTY AGREEMENT

**10 years • Comprehensive • Transparent • Fair**

All pro clima products carry a worldwide warranty underwritten by Allianz insurance.

Pro Clima NZ Ltd., Level 1/47 The Esplanade, Petone, Lower Hutt, 5012, New Zealand  
in the name of Moll bauökologische Produkte GmbH, Rheintalstraße 35-43, 68723 Schwetzingen, Germany

Version: May 2024

## 1. Subject of this Warranty Agreement

Moll bauökologische Produkte GmbH (hereinafter referred to as "Moll") hereby assumes a limited manufacturer's warranty in accordance with the conditions of this Warranty Agreement for pro clima standard products supplied by Moll (hereinafter referred to as "product") for the benefit of the party entitled to make claims as per Clause 2 for the warranty period as per Clause 4.

## 2. Party entitled to make claims

The party entitled to make claims shall be the customer that purchased the product directly from Moll as well as this customer's end customer that processes the products, insofar as this end customer can prove that it has purchased the products from a direct customer of Moll (hereinafter referred to as the "Claimant"). Presentation of the purchase receipt or – insofar as no written contract exists – of the invoice (hereinafter referred to as the "proof of entitlement to make claims") shall suffice as proof of entitlement to make claims.

## 3. Warranty event

A warranty event in the sense of this Warranty Agreement shall only exist if a deviation in the characteristics of the product with respect to the specification from Moll that was valid at the time of the purchase becomes evident within the warranty period as per Clause 4 and if this deviation cannot be ascribed to an error in the use of the product – in particular, to non-observance of the operating, maintenance or installation instructions – or to external influences on the product. Moll explicitly refuses to provide any warranty that goes beyond this.

## 4. Warranty period

The warranty period for products shall begin at the time of the sale of the product by Moll to the first customer and shall end (10) ten years after this time.

## 5. Notification of a warranty event

If a warranty event as per Clause 3 occurs within the warranty period as per Clause 4, the Claimant must notify Moll of this in writing without delay within the warranty period as per Clause 4, but at the latest within fourteen days of the Claimant becoming aware of the warranty event, and the Claimant must include proof of entitlement to make claims with this notification.

## 6. Warranty claims

If the Claimant has notified Moll properly as per Clause 5 of a warranty event as per Clause 3 within the warranty period as per Clause 4, Moll shall at its own discretion supply a replacement product to the Claimant at the place of use of the defective product at Moll's own expense or shall rectify the fault with the product. If the product has already been installed, Moll shall, at its own discretion, either bear the documented, reasonable costs for its installation and removal or else commission a third party to carry out installation and removal. The Claimant who makes a claim in this manner must present a binding cost estimate to Moll at the Claimant's own expense and obtain a decision from Moll as to whether Moll will bear these costs or commission a third party to carry out installation and removal.

## 7. Period of limitation

The warranty claims, as per Clause 6, shall expire within one year of notification of these claims being provided.

## 8. Legal claims

Any legal claims by the Claimant against Moll or against a customer of Moll as a seller shall remain unaffected by this Warranty Agreement.

## 9. Final provisions

Schwetzingen is hereby agreed as the exclusive place of jurisdiction for both parties. However, Moll shall also be entitled to take legal action against the Claimant at the Claimant's generally applicable place of jurisdiction.

This Warranty Agreement shall be solely subject to German law to the exclusion of the United Nations Convention on Contracts for the International Sale of Goods (CISG). Should individual provisions of these Terms and Conditions be or become legally invalid, the legal validity of the remaining provisions shall remain unaffected. In this case, the parties shall be obliged to conduct negotiations in good faith with the aim of replacing the invalid provision with a valid provision that corresponds as closely as possible to the intended economic purpose of the invalid provision. This shall apply accordingly in cases of loopholes in this Warranty Agreement. All pro clima products carry a worldwide warranty underwritten by Allianz insurance.



## Pro Clima EPD certifications – giving you the facts to build responsibly.

As pioneers in ecological and sustainable building, we at Pro Clima have always provided transparent product information. EPDs are the next logical step on this journey.

An Environmental Product Declaration (EPD) describes the environmental impact of construction materials, products, and components based on their environmental profiles, functional properties, and technical specifications. This verified, quantitative information covers the product's entire life cycle, making EPDs a critical foundation for assessing the sustainability of built structures.



An overview of the pro clima EPDs  
<https://proclima.co.nz/comfort-and-sustainability/epd-verification>



## Pro Clima's airtightness system achieves the highest Passive House certification level



Energy efficiency – the prevention of building damage, and healthy indoor air – all depend on one key factor: the airtightness of the building envelope. With its successful certification as a Passive House component, pro clima INTELLO® is the first Hydrosafe airtightness system to demonstrate that it reliably meets this requirement once installed.

Architects, designers, builders, and installers – you can rely on INTELLO® to deliver the performance needed to meet the highest Passive House standards. The system's extremely low air permeability – just 0.01 m<sup>3</sup>/(m<sup>2</sup>·h) – is achieved thanks to tried and tested adhesives, spray-on sealants, and tapes: AEROSANA® VISCONN, ORCON®, and CONTEGA® SOLIDO SL-D for simple, secure connections to plaster, masonry, and concrete; TESCON® VANA for bonding membrane overlaps and connecting to rigid wood-based panels (OSB). Reliable and easy pipe and cable penetrations are ensured with the certified KAFLEX and ROFLEX grommets. All tested pro clima products meet the highest performance class – phA – as defined by the Passive House Institute in Germany.

### KAFLEX / ROFLEX

Sealing grommets for cables and pipes

### INTELLO® PLUS

Humidity-variable Hydrosafe high-performance Intelligent Air Barrier

### AEROSANA® VISCONN

Spray-applied airtightness with a humidity-variable  $s_p$ -value



### ORCON® CLASSIC

Multi-purpose connection adhesive

### TESCON® VANA

Universal adhesive tape with fleece backing

### CONTEGA® SOLIDO SL-D

Full adhesive plaster and window connection tape for interior use



Architect: Denis Chin from Three Line Studio  
Builder: Modern Homes  
Photographer: Andre Vroon

## Independently tested for durability

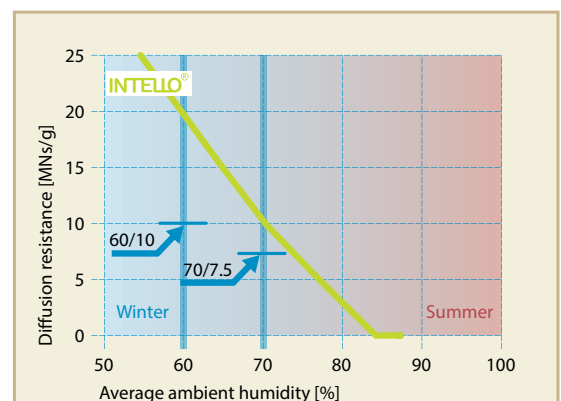
The long-term performance of the intelligent pro clima airtightness membranes INTELLO® and INTELLO® PLUS has been officially tested and confirmed. INTELLO® and INTELLO® PLUS now have a European Technical Assessment (ETA) issued by the German Institute for Construction Technology (DIBt), which verifies the durability of their humidity-variable properties. This is good news for New Zealand designers and installers: with pro clima INTELLO® membranes, you're on the safe side. For the ETA, accelerated ageing tests were carried out at the accredited laboratories of MFPA Leipzig GmbH. These tests assumed an expected service life of at least 50 years for the humidity-variable vapour control layers INTELLO® and INTELLO® PLUS.



## Increased humidity during the building phase: Hydrosafe® -value (70/7.5 rule)

In certain cases, buildings have a very high indoor humidity level of more than 90% during the construction phase when walls are being plastered or screed is being laid. The Hydrosafe-value quantifies the protection of insulated timber structures against increased indoor humidity caused by construction work (building moisture) during the construction phase. It specifies the Moisture Vapour Transmission Resistance (MVTR) that a humidity-variable vapour and airtightness membrane installed on the interior must have as a minimum to ensure that the insulation and structure itself are sufficiently protected against moisture during all phases of construction.

A Hydrosafe-value of at least 7.5 MNs/g has been specified as offering sufficient protection at an average relative air humidity of 70%. INTELLO® achieves a MVTR of greater than 10 MNs/g at an average humidity of 70% (90% air humidity in the room and 50% air humidity in the insulation) and provides sufficient protection for building components even during the increased air humidities caused by construction work.





# Why Airtightness Matters

Smarter energy use

Avoid structural damage

Create healthier buildings

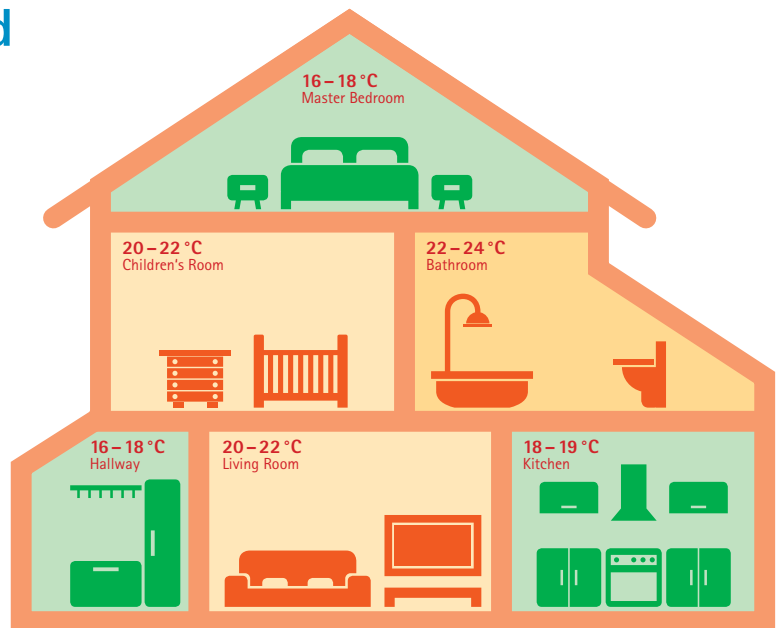




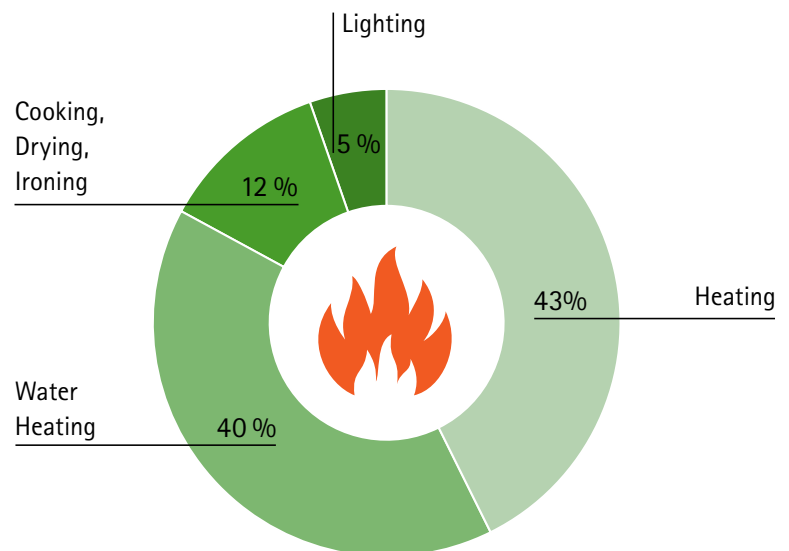
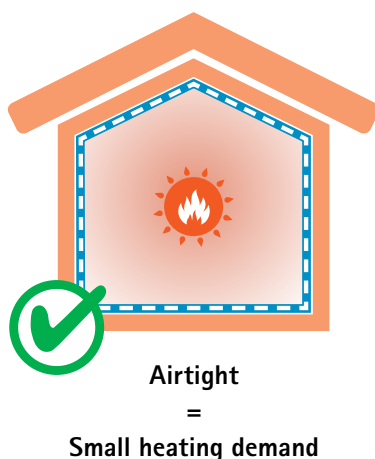
Architect: MnM Design  
Builder: RT Construction

## Energy efficiency and comfort at home

A well-insulated, airtight building envelope has a major impact on how comfortable we feel indoors, as well as how active and productive we can be. Of all factors, indoor air temperature most strongly influences our sense of comfort. In homes, the ideal temperature range in winter is between 20 °C and 23 °C, while in summer, temperatures up to 26 °C are still generally comfortable where 50% relative humidity is achieved. Airtightness plays a crucial role in ensuring insulation works effectively in winter and protects from heat in summer.



## Insulation and airtightness go hand in hand



### Residential energy use (EECA EEUD NZ)

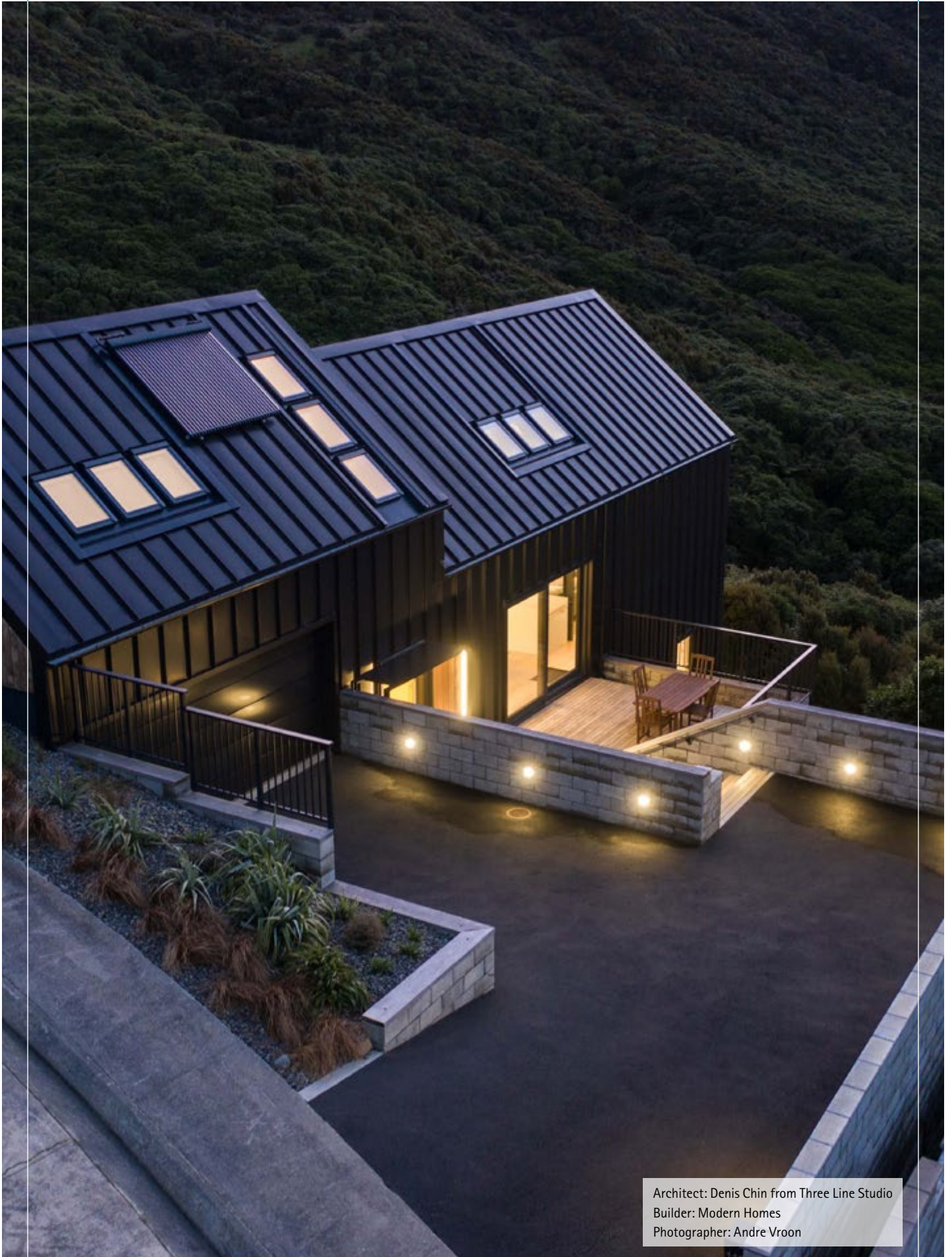
Heating (Space Heating) – 42.66%

Water Heating – 40.25%

Intermittent (Cooking, Drying, Ironing) – 11.75%

Lighting – 5.33%

Dataset details: Organisation: Energy Efficiency and Conservation Authority (EECA), New Zealand. Dataset: Energy End-Use Database (EEUD) – Residential Sector, Non-Transport Energy. Coverage: Delivered energy (terajoules) by end-use, fuel, and technology. Date of data: Calendar year 2023. Date of release: 6 May 2025 (EEUD v1.4 update). Figures shown are an interpretation of data from the Energy End-Use Database (EEUD) by the Energy Efficiency and Conservation Authority (EECA), New Zealand (EEUD v1.4, released 6 May 2025).



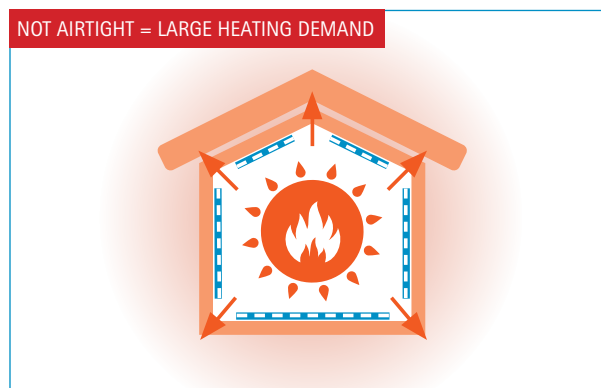
Architect: Denis Chin from Three Line Studio  
Builder: Modern Homes  
Photographer: Andre Vroon

## Poor airtightness and its consequences

### Economy / Heat losses

#### Building envelope unsealed: High heating costs

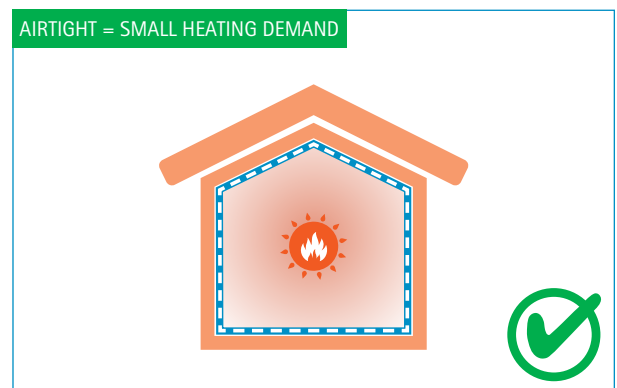
Even very small leaks in the vapour control layer – such as those that arise due to faulty adhesion between membrane overlaps or joints – have far-reaching consequences. This type of weakness has the same effect as a continuous gap between the window frame and the walls – and of course nobody would tolerate such a gap! Accordingly, gaps in the vapour control layer should be given the same attention.



#### Sealed building envelope: Low costs

The higher heating costs caused by faulty seals lead to reduced effectiveness of the thermal insulation for the building owner.

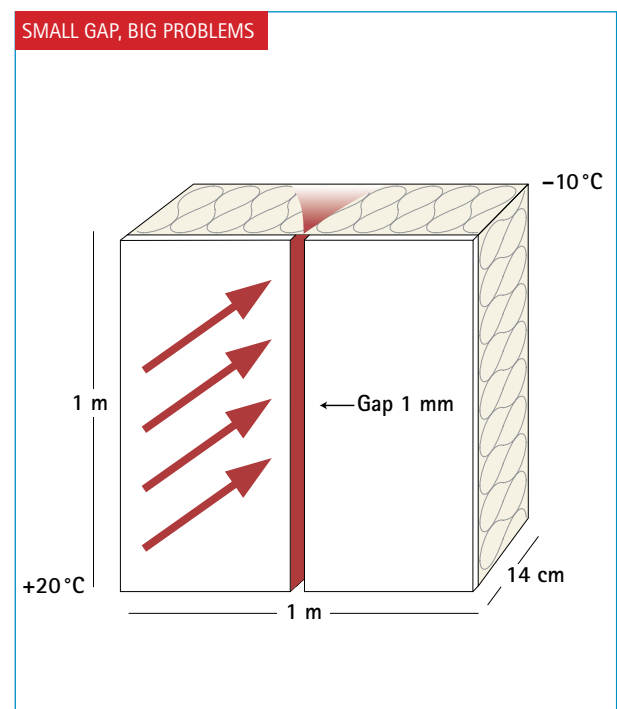
The uncontrolled entry of air can also have a negative impact on the indoor environment, e.g. due to draughts, excessively dry indoor air in wintertime, or fast heating-up in summertime.



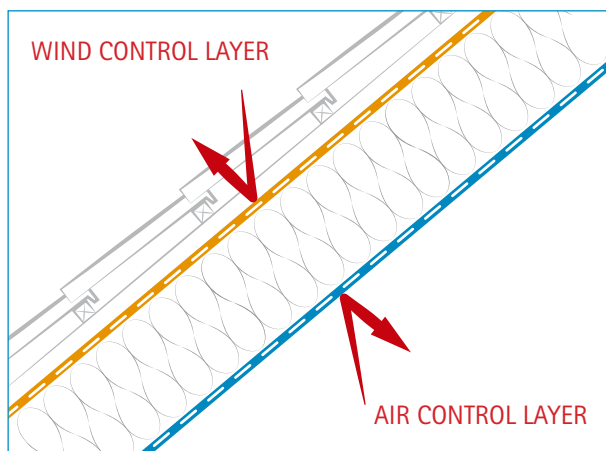
#### Only a sealed thermal insulation structure provides the full insulation value

According to a publication by BRANZ Ltd. in 2010, houses in New Zealand require an average of 3,820 kWh per year for room heating [Building Research & Information "Energy in New Zealand Houses: comfort, physics and consumption"]. For an average living space of 100 m<sup>2</sup>, this corresponds to a heating requirement of almost 40 kWh per square metre of living space per year. A certified Passive House may only require a maximum of 15 kWh/m<sup>2</sup>a – assuming the airtightness is perfect. Gaps in the airtightness layer of buildings lead to a significant increase in the energy requirement per square metre of living space.

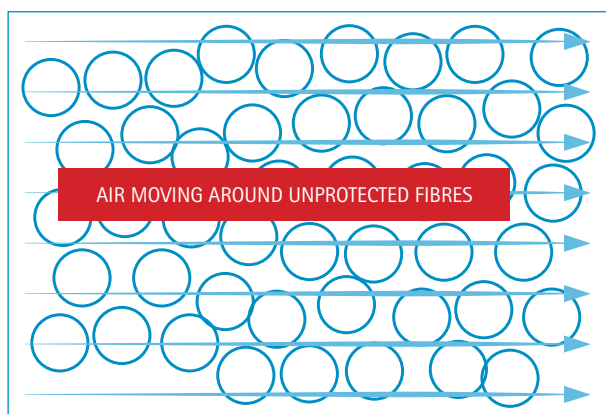
The Institute for Building Physics in Stuttgart (Germany) studied a 1 x 1 m sized structure with a thermal insulation thickness of 140 mm. With a joint-free, airtight design, the previously calculated thermal performance of 0.30 W/(m<sup>2</sup>·K) was confirmed. However, if the same structure features just a 1 mm wide gap in the air control layer, the U-value (1/R-value) deteriorates to 1.44 W/(m<sup>2</sup>·K). This means almost 5 times more heat is lost than with the airtight construction.



## The ideal build

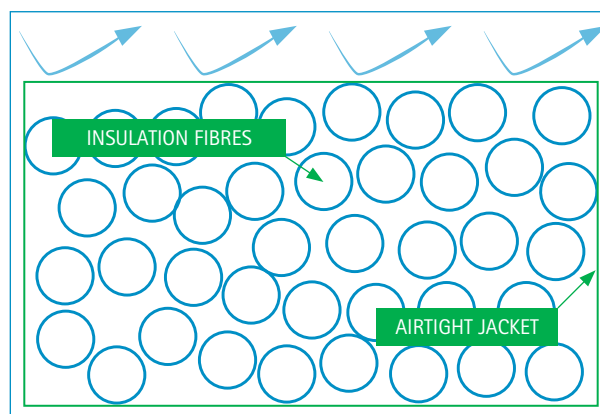


Still air is an excellent insulator. For this reason, trapped air molecules between insulation fibres are what create the insulating effect of cellulose, wood fibre, wool, mineral fibres, etc. The wind and air control layers around the insulation ensure the effectiveness of the thermal insulation and prevent the localised cooling of the surfaces facing the inside of a room.



### Insulation effect is reduced by moving air

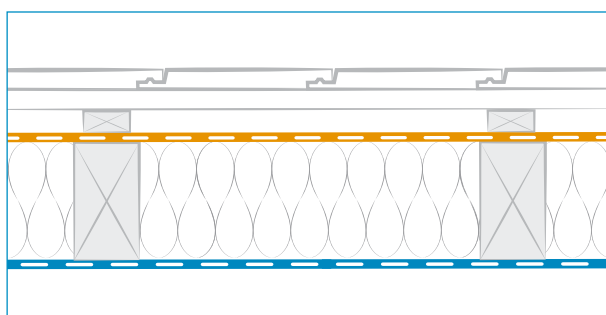
**Unprotected insulation:** Air movement in the porous structure reduces the insulating effect.



### Protected thermal insulation

**Protected insulation:** Still air in the porous structure equals full insulation effect.

**An example:** The thermal insulation effect of a woollen jumper is based on the stationary air between the fibres – as soon as a cold wind starts to blow, the insulation effect decreases. However, the insulation effect is restored if you wear a thin windbreaker, which itself has no significant heating function, over the jumper.



### Airtight on the inside, wind-tight on the outside

That's why, in the ideal insulation build-up, the insulation is sealed on all sides – on the outside with a wind-tight layer, such as a vapour-open underlay or wall sheathing membrane, and on the inside with an airtight vapour control layer. The wind-tight layer stops cold outside air from flowing through the insulation, while the airtight layer prevents moist indoor air from getting in, protecting against condensation and mould growth.

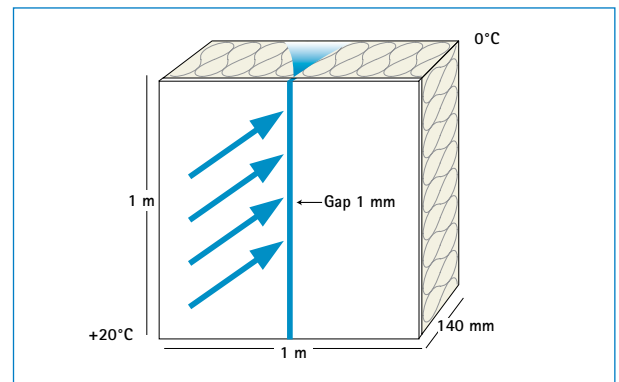
## Avoiding building damage



To build and maintain damage-free structures, they must be protected from moisture. Wind, rain, and snow are kept out by the wind-tight layer, such as an underlay or wall sheathing membrane. To stop condensation forming inside the insulation, a vapour control and airtightness layer is essential – but even small leaks in this layer can cause significant problems.

### Airtight construction helps prevent structural damage

When a vapour control and airtightness membrane is fitted without gaps and fully sealed all around, only about 0.5 g of water per square metre can enter the structure on a winter's day – an amount too small to cause damage. But if there's even a 1 mm gap in plasterboard, or a power point or light switch, as much as 800 ml of water per metre of this 1 mm gap can get into the insulation each day. That's 1,600 times worse – making damage and mould almost inevitable.



Measured by the Institute for Building Physics, Stuttgart

### Moisture trapped in a building element can quickly cause mould growth

Many types of mould release toxins as by-products of their growth, including MVOCs (microbial volatile organic compounds) and spores that can be harmful to health. They are a major trigger for allergies, whether inhaled into the lungs or ingested with food.

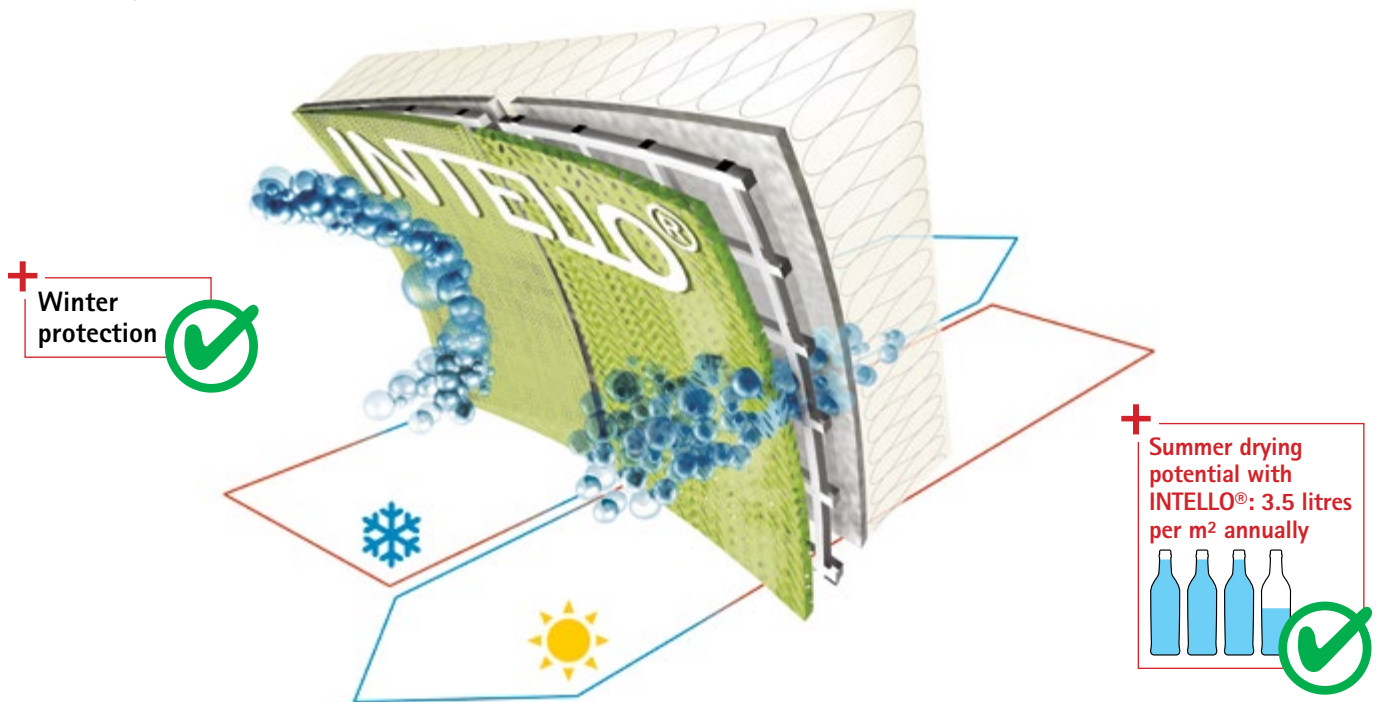


#### Benefits of Airtightness

<https://youtube.com/playlist?list=PLRAFQFMajenOCTSKnat50dTFcGaCq1ObO&si=PzmDDHyMNW6jt351>

## Safety through intelligent airtightness in buildings

The most effective defence against moisture and mould in building elements comes from vapour control and airtightness membranes with variable diffusion resistance. In winter, they tighten to protect the insulation from moisture ingress. In summer, they open up to allow exceptional vapour permeability, ensuring optimal drying. Conventional vapour barriers can't offer this extra layer of protection. When paired with vapour-open wind-tight membranes on the exterior, intelligent airtightness greatly improves building durability and promotes a healthier, mould-free indoor climate.

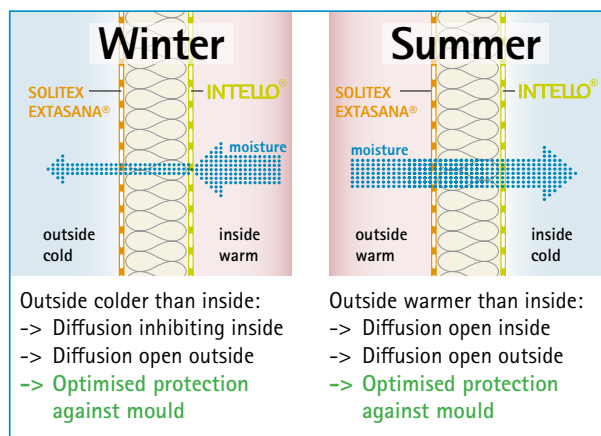


## Benefits of airtightness and moisture control

### Best solution: intelligent membranes

Vapour control membranes with a humidity-variable diffusion resistance offer the best protection against condensation damage.

In winter, they become more vapour-tight, giving the insulation maximum protection from moisture ingress. In summer, they can greatly reduce their diffusion resistance, ensuring the best possible conditions for drying out.



### Energy Efficiency

- ✓ Reduced air infiltration saves energy and therefore fewer heating / cooling appliances are needed
- ✓ Keeps your home warm in winter and cool in summer
- ✓ Reduce New Zealand's overall energy dependence

### Freedom from structural damage

- ✓ Prevents moisture build up in the construction
- ✓ High drying capacity through the intelligent INTELLO® membrane

### Indoor Air Quality

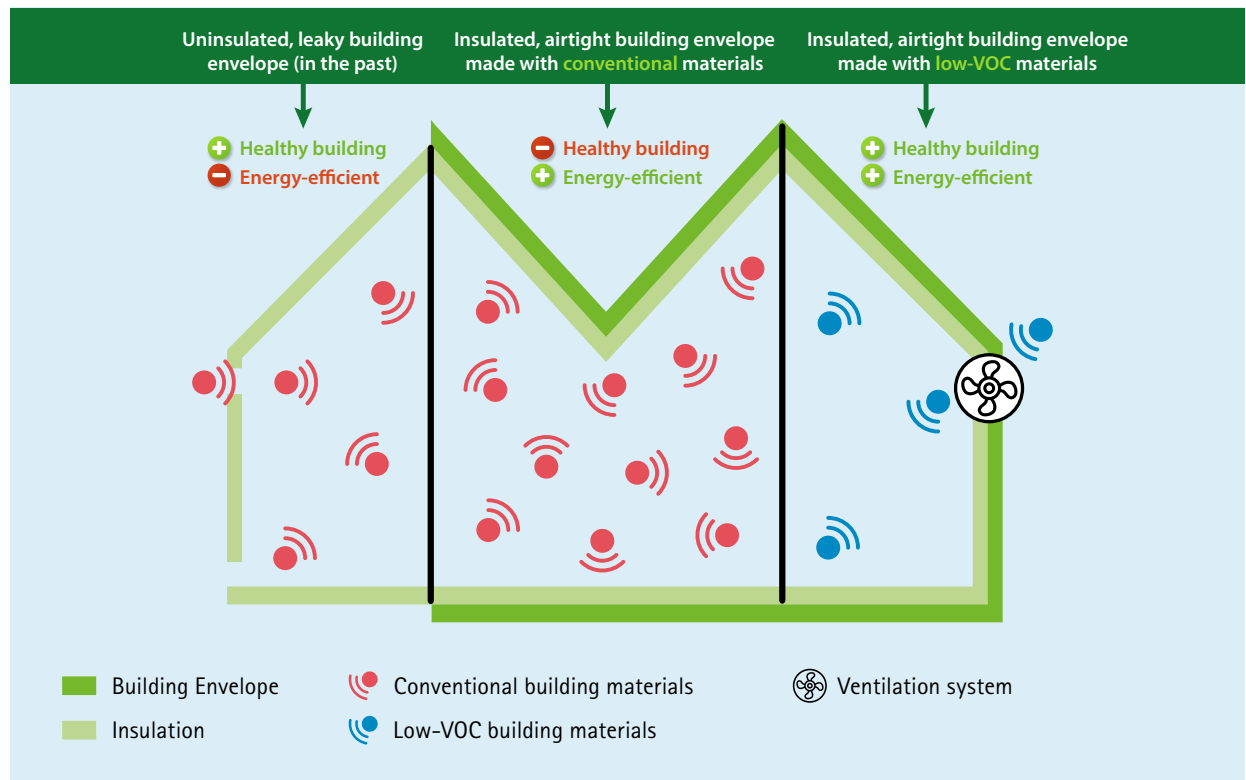
- ✓ Prevents mould and mildew in the construction from internally driven moisture
- ✓ Enables controlled ventilation

## Low VOCs – healthy indoor climate

People today spend, on average, 90% of their day indoors. How comfortable we feel in these spaces depends largely on the indoor climate and air quality. A healthy indoor environment and protection against mould and pollutants are possible with a correctly designed and installed airtightness layer, which ensures the building enclosure:



- ✓ Prevents mould damage
- ✓ Eliminates draughts
- ✓ Increases efficiency of ventilation
- ✓ Keeps hot air out in summer
- ✓ Stops the spread of fibres and dust
- ✓ In short: creates a comfortable living environment



## Pollutant-tested materials from Pro Clima provide certainty

Building healthier with full assurance of the high quality of pro clima products. Our systems are tested by independent institutes against strict requirements and consistently achieve top results in pollutant testing.



Information on the level of volatile substance emissions into indoor air, indicating the potential risk of toxicity by inhalation, shown on a classification scale ranging from A+ (very low emissions) to C (high emissions).



Schadstoffgeprüft nach  
**AgBB**  
 Nach den Kriterien des Ausschusses zur gesundheitlichen Bewertung von Bauprodukten beim Umweltbundesamt

## Initiatives for healthier, more comfortable living spaces

Children should be able to thrive at school – classrooms must not make them ill. The same principle applies to the workplace: healthy, productive, and cost-effective offices are within reach. Research projects demonstrate how better indoor air quality and carefully considered design create spaces that support wellbeing and performance. The results are already being put into practice in schools and office buildings around the world.

← Massey News

### PhD research finds poor classroom air quality hinders learning

Monday 16 June 2025

For her PhD research, Dr Lara Tookey found that when classrooms were at comfortable temperature, had fresh air and low CO<sub>2</sub> levels, students performed better on cognitive tests.



Massey News

<https://www.massey.ac.nz/about/news/phd-research-finds-poor-classroom-air-quality-hinders-learning/>

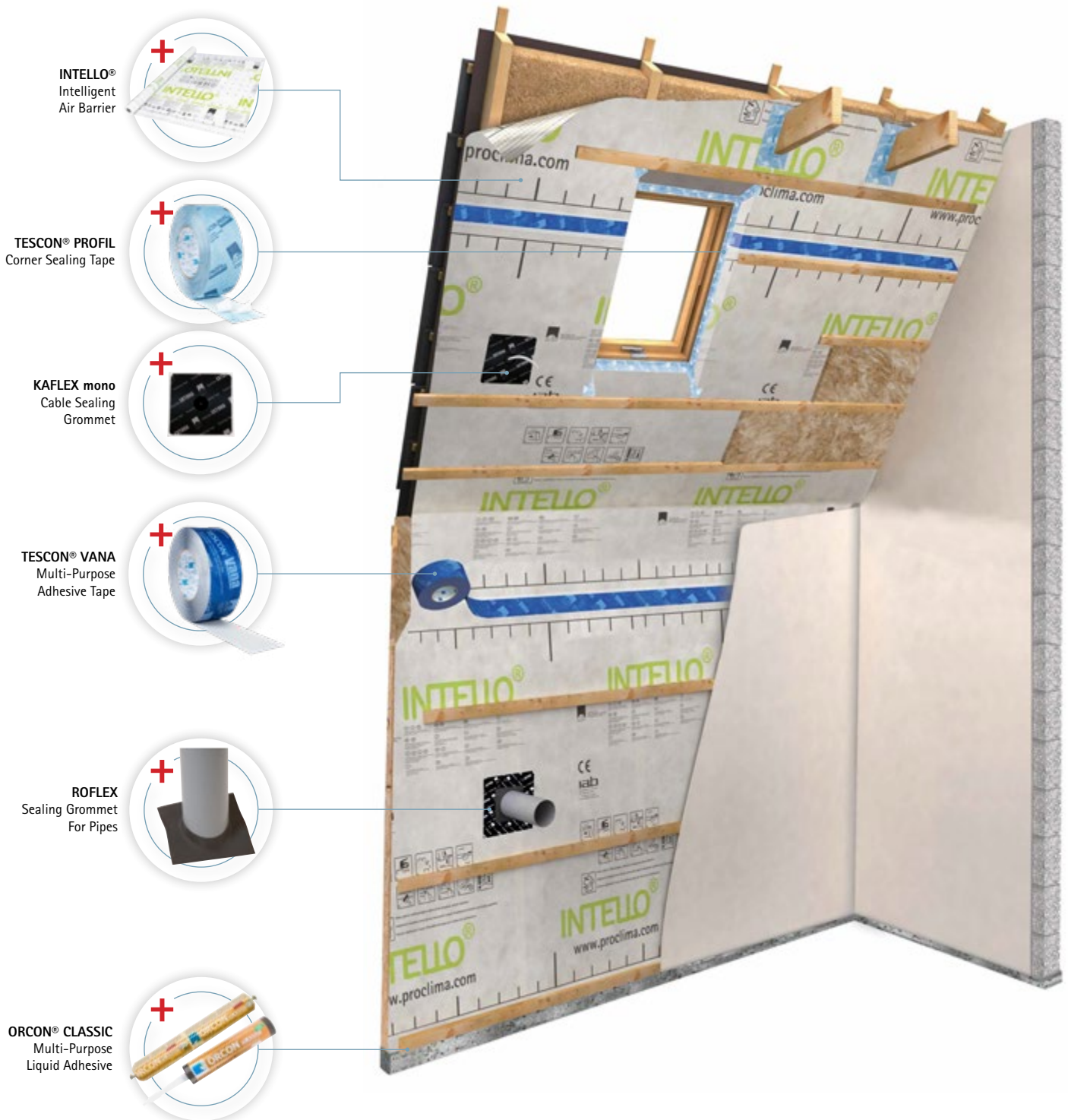
# Airtightness





Builder: Flip Build  
Photography: David Hensel

## INTELLO® Intelligent Airtightness System



Benefits of Airtightness  
<https://proclima.co.nz/building-science/airtightness>

# INTELLO® PLUS

## Intelligent Air Barrier

**APPLICATION:** INTELLO® PLUS is a market-leading intelligent air barrier for all construction types, providing superior energy efficiency and moisture control. INTELLO® PLUS maximises the performance of your thermal insulation while restricting internal moisture entering the building envelope. INTELLO® PLUS is reinforced for strength and durability. Utilising Hydrosafe® technology, this intelligent air barrier is ideally suited to the New Zealand maritime climate. It provides optimal protection against structural damage and mould, even in the event of unexpected moisture intrusion.



### ADVANTAGES:

- ✓ Promotes superior drying capacity with Hydrosafe® technology
- ✓ Intelligent Airtightness System (IAS) for warm, dry, healthy buildings
- ✓ Maximises the performance of thermal insulation
- ✓ Highly diffusion-resistant in winter and superior back-diffusion capacity in summer
- ✓ INTELLO® PLUS can be used with blown-in insulation

### SYSTEM PRODUCTS:

TESCON® VANA; TESCON® PROFIL; ORCON® CLASSIC; INTELLO® conneX; KAFLEX; ROFLEX; INSTAABOX; DUPLEX; CONTEGA® SOLIDO SL-D, CONTEGA® PV

ID CODE	LENGTH	WIDTH	AREA (*)	KG/ROLL	QTY
15468	20 m	1.50 m	30 m <sup>2</sup> (27.4 m <sup>2</sup> )	4	1
11367	50 m	1.50 m	75 m <sup>2</sup> (68.5 m <sup>2</sup> )	9	1
13590	50 m	3.00 m	150 m <sup>2</sup> (143.5 m <sup>2</sup> )	18	1

\* Effective Coverage

### TECHNICAL DATA:

Fleece:	polypropylene	
Membrane:	polyethylene copolymer	
Reinforcement:	polypropylene non-woven fabric	
Thickness:	0.4 mm	EN 1849-2
Vapour resistance (MVTR) humidity variable:	1.25 - >125 MN-s/g	EN ISO 12572
Surface weight:	110 g/m <sup>2</sup>	EN 1849-2
Flammability index:	<5	AS 1530.2
Temperature resistance:	permanent -40 °C to +80 °C	EN 1109, EN 1296, EN 1297
Tensile strength MD/CD:	7.9 kN/m / 5.3 kN/m	ASTM D882

CE certification as per DIN EN 13984.

# INTELLO®

## Intelligent Air Barrier

**APPLICATION:** INTELLO® has all the function and performance of INTELLO® PLUS but without the reinforcing scrim. This makes it ideal for applications in prefabrication factories where little or no stress is placed on the product during installation.

ID CODE	LENGTH	WIDTH	AREA (*)	KG/ROLL	QTY
10091	20 m	1.50 m	30 m <sup>2</sup> (27.4 m <sup>2</sup> )	3.5	1
10090	50 m	1.50 m	75 m <sup>2</sup> (68.5 m <sup>2</sup> )	7	1
10077	50 m	3.00 m	150 m <sup>2</sup> (143.5 m <sup>2</sup> )	14	1



INTELLO® & INTELLO® PLUS





### Connection Strip for INTELLO® and INTELLO® PLUS Systems

**APPLICATION:** INTELLO® conneX is a UV-stabilised humidity-variable strip that replaces the INTELLO® Connection strip. Installed during the framing stage, INTELLO® conneX is designed to ensure the continuity of the INTELLO® and INTELLO® PLUS Intelligent Air Barrier (IAB) systems at framing junctions. Intended for use at intermediate floor junctions and internal to external wall junctions. It's strong and durable allowing up to 90 days of UV exposure prior to being covered by internal linings or external cladding.



#### ADVANTAGES:

- ✓ 90 days UV exposure during framing
- ✓ Optimum prevention of structural damage and mould, even in the event of unexpected moisture intrusion
- ✓ Extremely high humidity-variable diffusion resistance
- ✓ MVTR-value = 125 MNs/g in a winter climate;
- ✓ MVTR-value = 1.25 MNs/g back-diffusion capacity in summer



#### SYSTEM PRODUCTS:

TESCON® VANA; TESCON EXTORA®; ORCON® CLASSIC

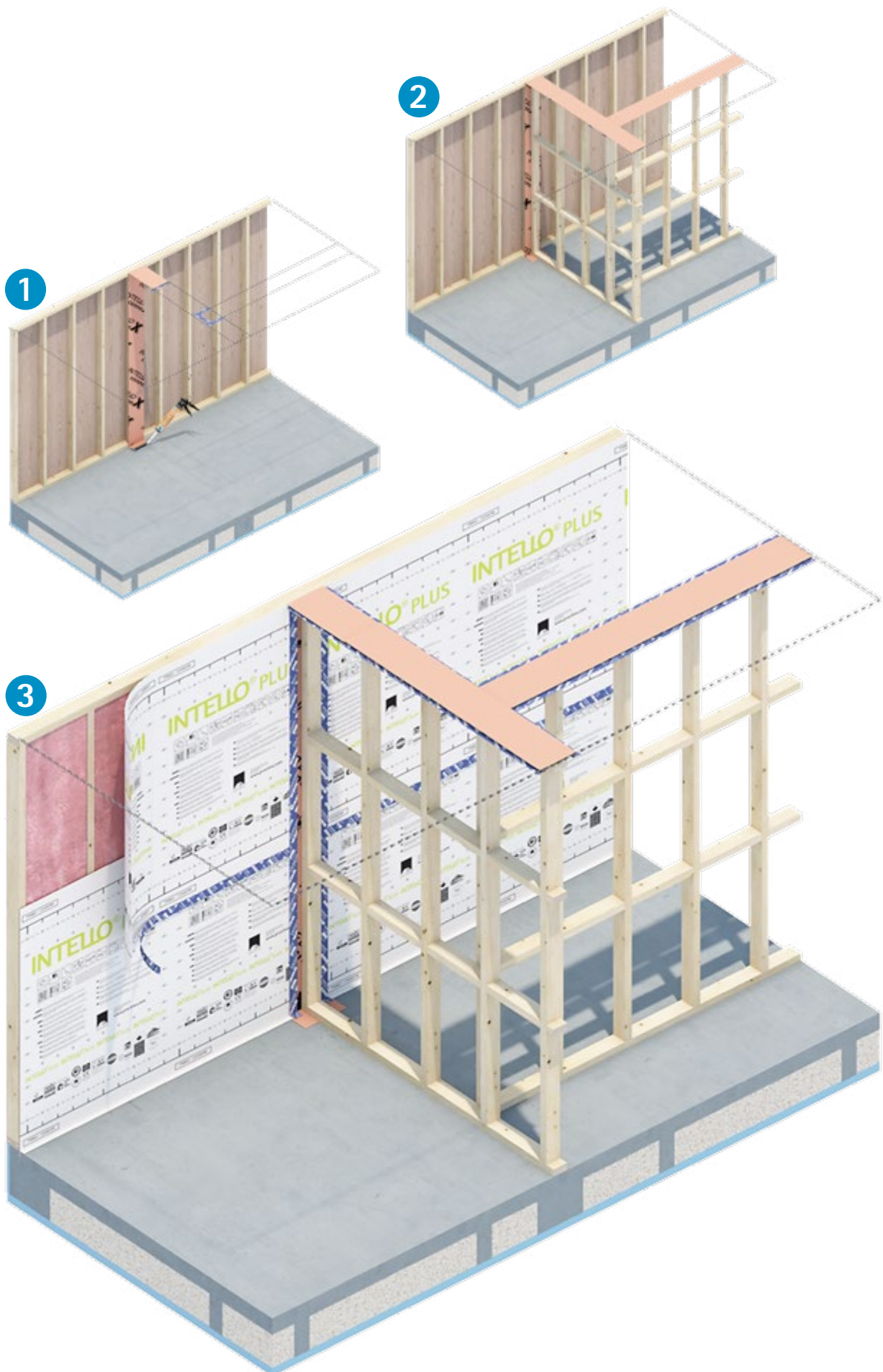
ID CODE	LENGTH	WIDTH	AREA	KG/ROLL	QTY
1AR02326	50 m	300 mm	15 m <sup>2</sup>	3.6	1
1AR03352	50 m	900 mm	45 m <sup>2</sup>	10.8	1

#### TECHNICAL DATA:

Fleece:	PP microfibre fleeces	
Membrane:	PE copolymer	
Thickness:	1.1 mm	EN 1849-2
Vapour resistance (MVTR) humidity variable:	1.25 - >125 MN-s/g	EN ISO 12572
Temperature resistance:	-40 °C to +80 °C	
UV stability and outdoor exposure:	90 days	ASTM G154
Flammability index:	< 5	AS 1530.2
Surface weight:	300 ± 5g/m <sup>2</sup>	EN 1849-2
Colour:	brown	



## INTELLO® conneX Application



## DB+

### Reinforced Vapour Control Layer and Airtightness Membrane

**APPLICATION:** DB+ is the original humidity-variable vapour control layer. Reinforced cellulose-based vapour control layer and airtightness membrane for protecting insulation in timber frame construction.



#### ADVANTAGES:

- ✓ High protection against structural damage and mould, even in the event of unexpected moisture ingress
- ✓ Protection in a winter climate with MVTR-value of 20 MNs/g
- ✓ Back diffusion in summer with MVTR value of 2 MNs/g
- ✓ High tear resistance
- ✓ Suitable for all fibrous thermal insulation (also blown-in insulation)
- ✓ Ecological solution for sealing the building shell
- ✓ Lowest VOC rating in hazardous substance test



07  
EN 13984



#### SYSTEM PRODUCTS:

UNI TAPE; TESCON® VANA; TESCON® PROFIL; ORCON® CLASSIC; INTELLO® conneX; KAFLEX; ROFLEX; INSTAABOX; DUPLEX; CONTEGA® SOLIDO SL-D; CONTEGA® PV

ID CODE	LENGTH	WIDTH	AREA (*)	KG/ROLL	QTY
10086	50 m	1.35 m	67.5 m <sup>2</sup> (60 m <sup>2</sup> )	13	1

\* Effective Coverage

#### TECHNICAL DATA:

Sheet:	recycled paper, polyethylene copolymer functional membrane	
Reinforcement:	polypropylene mesh	
Colour:	blue	
Surface weight:	190 g/m <sup>2</sup>	EN 1849-2
Thickness:	0.23 mm	EN 1849-2
Vapour resistance (MVTR) humidity variable:	2 - 20 MN-s/g	EN ISO 12572
Temperature resistance:	up to +40 °C	EN 1109, EN 1296, EN 1297
Storage:	cool and dry	

CE certification as per DIN EN 13984.



# UNI TAPE

## Universal Adhesive Tape

**APPLICATION:** Uni Tape is a paper-based universal adhesive tape for permanent, airtight and secure bonding of DB+ membranes.



### ADVANTAGES:

- ✓ Can be used for any indoor application
- ✓ For airtight bonds according to DIN 4108-7, SIA 180 and OENORM B 8110-2
- ✓ High initial bond strength
- ✓ Tears off easily by hand
- ✓ Waterproof adhesive
- ✓ Lowest VOC rating in hazardous substance test



ID CODE	LENGTH	WIDTH	QTY
10655	30 m	60 mm	1

### TECHNICAL DATA:

Backing:	special paper with reinforcement layer
Adhesive:	water-resistant SOLID adhesive
Release film:	silicone-coated paper
Colour:	light blue
Application temperature:	above -10 °C
Temperature resistance:	-40 °C to 90 °C
Storage:	cool and dry



# Tapes, Adhesives, Sealants, Grommets & Accessories for Intelligent Airtightness Systems



## TESCON® Vana

### Multi-Purpose Adhesive Tape

**APPLICATION:** TESCON® VANA airtight sealing tape is an essential component of all air barrier systems. It is compatible with membranes, underlays, as well as timber products, fibre cement, concrete & masonry. TESCON® VANA is airtight and vapour permeable. It is flexible, easy to cut, and has a simple-to-remove release paper, ensuring maximum productivity during installation. TESCON® VANA provides an airtight adhesive seal to the substrate, forming excellent seals under all application conditions.



#### ADVANTAGES:

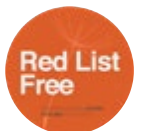
- ✓ Long-term durability (tested for 100-year adhesion)
- ✓ Flexible to account for building movement
- ✓ Outstanding adhesion on cold surfaces
- ✓ Thin, highly pliable
- ✓ Airtight connection for the life of the building

ID CODE	LENGTH	WIDTH	QTY
12185	30 m	60 mm	1
11365	30 m	60 mm	20 <b>big pack*</b>

\*big pack product only sold per unit.

#### TECHNICAL DATA:

Backing:	special PP fleece	
Adhesive:	water-resistant SOLID adhesive	
Release film:	silicone-coated paper	
Colour:	dark blue	
Thickness:	0.50 +-0.05 mm	EN 1849-2
Application temperature:	above -10 °C	
Temperature resistance:	-50 °C to +90 °C	
Storage:	cool and dry	
UV stability and outdoor exposure:	indoor use only	



## TESCON® PROFIL

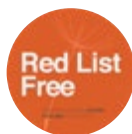
### Corner Sealing Tape

**APPLICATION:** TESCON® PROFIL is specially designed for a secure and permanent airtight seal of junctions between INTELLIO® Intelligent Air Barrier and window and door joinery. TESCON® PROFIL corner sealing tape is a valuable component of all air barrier systems. TESCON® PROFIL is airtight and vapour permeable. It is flexible, easy to cut, and has a simple-to-remove release paper, ensuring maximum productivity during installation. Use as a reliable and strong substitute for PEF rod and foam, or PEF rod and Wetseal. Tested to NZS4284:2008 achieving in excess of 4.85 kPa.



#### ADVANTAGES:

- ✓ Specially designed for corner applications
- ✓ Three individual removable strips of release paper
- ✓ Long-term durability
- ✓ Instant visual check of air seal, no drying time required
- ✓ Flexible to account for building movement



Declare.



ID CODE	LENGTH	WIDTH	QTY
1AR02137	30 m	60 mm	1

#### TECHNICAL DATA:

Backing:	special PP fleece	
Adhesive:	water-resistant SOLID adhesive	
Release film:	silicone-coated PE film	
Colour:	light blue	
Thickness:	0.50 +-0.05 mm	EN 1849-2
Can be plastered over:	yes	
Application temperature:	above -10 °C	
Temperature resistance:	-50 °C to +90 °C	
Storage:	cool and dry	
UV stability and outdoor exposure:	indoor use only	



## ORCON® CLASSIC

### Multi-Purpose Liquid Adhesive

**APPLICATION:** ORCON® CLASSIC is a durable, airtight, solvent-free sealing glue suitable for bonding all pro clima products to any building material; smooth or rough, masonry or timber. It is fast drying and performs even in extreme humidity or damp conditions.



#### ADVANTAGES:

- ✓ Provides a firm and durable elastic attachment
- ✓ Suitable for bonding of all pro clima membranes
- ✓ Airtight connection for the life of the building
- ✓ Excellent results in the hazardous substances test (ISO 16000)
- ✓ Cartridges are made from 100% post-consumer recycled materials



ID CODE	PACKAGING	VOLUME	EFFICIENCY/RANGE	QTY
12769	cartridge	310 ml	bead 5 mm ~ 15 m bead 8 mm ~ 6 m	1
12770	sausage	600 ml	bead 5 mm ~ 30 m bead 8 mm ~ 12 m	1

#### TECHNICAL DATA:

Sealant:	dispersion based on acrylic acid copolymers. Free from plasticisers, halogens
Cartridge:	PCR (recycled)
Colour:	light brown
Elasticity:	high elasticity
Application temperature:	-10 °C to +50 °C (adhesive temp. >0 °C)
Temperature resistance:	-40 °C to 80 °C
Storage:	down to -20 °C, cool and dry



## CONTEGA® SOLIDO SL-D

**Full-surface adhesive window-sealing tape with an additional adhesive zone, for interior use**

**APPLICATION:** For interior airtight and vapour-control joints between membranes or wood-based panels and windows, doors and mineral surfaces. The adhesive zone on the fleece side allows for easier adhesion to windows and doors if applied before they are installed. The taped joint is immediately airtight and can be subjected to loading. The fleece can also be plastered over in accordance with the installation instructions.



### ADVANTAGES:

- ✓ Saves time: the joint is immediately airtight and can be subjected to loading
- ✓ Easy to work with thanks to the additional adhesive zone on the fleece side
- ✓ Can be plastered over directly: defined transition between window and/or vapour control and plasterwork
- ✓ Reliable joints: water-resistant SOLID adhesive has extremely strong adhesion on mineral substrates too
- ✓ Excellent values in hazardous substance testing, has been tested according to the ISO 16000 evaluation scheme



ID CODE	LENGTH	WIDTH	QTY
16038	30 m	80 mm	1

### TECHNICAL DATA:

Backing:	PP backing fleece, PP copolymer special membrane		
Adhesive:	modified water-resistant SOLID adhesive		
Release film:	single/double-split silicone-coated PE sheet		
Colour:	white		
Vapour resistance (MVTR):	14 MN-s/g		EN 1931
UV stability and outdoor exposure:	4 weeks		
Airtightness:	up to 1000 Pa, around window		ift, MO-01/1:2007-01, Abs. 5
Can be plastered over:	yes		
Application temperature:	above -10 °C		
Temperature resistance:	-40 °C to 90 °C		
Storage:	cool and dry		



## CONTEGA® PV

### Render Connection Strip

**APPLICATION:** CONTEGA® PV is an interior connection strip designed to create airtight junctions between plastered or rendered surfaces and adjoining or penetrating structural elements. It is an essential product for transitions between masonry assemblies and common building elements. Suitable to connect interior masonry reveals to window and door joinery; penetrations by beams, columns and joists in masonry; and transitions from INTELLO®, DASATOP® and DB+ membranes to masonry construction. The mesh can be embedded into render and the fleece may be plastered or rendered over for a complete durable air barrier system.



#### ADVANTAGES:

- ✓ Effective air barrier transitions in common challenging situations
- ✓ Joins airtight render to INTELLO® PLUS
- ✓ Fleece side can be plastered or rendered in place
- ✓ Provides strong and durable plaster and render joints
- ✓ Airtight connection for the life of the building

ID CODE	LENGTH	WIDTH	QTY
15840	15 m	200 mm	1



#### TECHNICAL DATA:

Backing:	PET fleece with functional membrane and plaster reinforcement		
Adhesive:	special acrylate adhesive		
Release film:	silicone-coated PE film		
Colour:	light blue / dark blue		
Thickness:	1.3 mm		
Vapour resistance (MVTR):	11.5 MN-s/g	ASTM E96 Procedure B	
Application temperature:	above -10 °C		
Temperature resistance:	-40 °C to +90 °C		
Storage:	cool and dry		



# INSTAABOX

## Installation Box

**APPLICATION:** INSTAABOX allows for the airtight installation of electrical flush boxes for wall systems without a service cavity. It is attached and sealed to the intelligent airtightness barriers INTELLO® and INTELLO® PLUS.



### ADVANTAGES:

- ✓ Installation box for airtightness systems without a service cavity
- ✓ Provides space for up to three flush boxes
- ✓ Pre-pressed exit points for cables



ID CODE	LENGTH	WIDTH	QTY
1AR02160	320 mm	190 mm	10 <b>big pack*</b>

### TECHNICAL DATA:

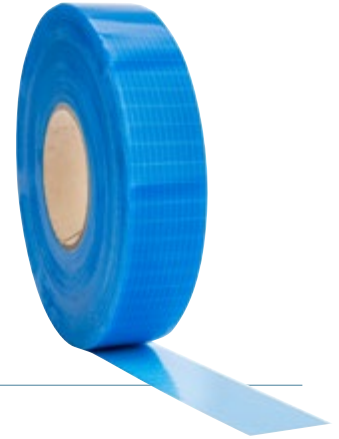
Main component:	polyethylene, flexible and extensible
Colour:	translucent
Length/width service cavity:	260 mm / 130 mm
Length/width total:	320 mm / 190 mm
Cable diameter:	max. 20 mm
Temperature resistance:	-10 °C to +80 °C
Storage:	cool and dry



## DUPLEX

### Double-Sided Tape

**APPLICATION:** DUPLEX is an all-purpose double-sided tape, ideal for permanently bonding and sealing overlaps and end laps of Intelligent Air Barrier (IAB) membranes. It is also suitable for temporarily fixing INTELLO® and INTELLO® PLUS air barrier membranes to steel structures before mechanical fastening. It is flexible, easy to cut, and has a simple-to-remove release paper, ensuring maximum productivity during installation. DUPLEX is reinforced with a mesh for extra durability, allowing it to remain thin, avoiding thick layered material build-ups while providing easy application.



### ADVANTAGES:

- ✓ Strong adhesion for maximum holding strength
- ✓ Double-sided for bonding and sealing layers
- ✓ Thin and flexible for easy application
- ✓ Can be applied to cold surfaces
- ✓ Reinforced for extra durability

ID CODE	LENGTH	WIDTH	QTY
1AR03913	80 m	25 mm	1



### TECHNICAL DATA:

Adhesive	special acrylate adhesive
Release film:	silicone-coated PE film
Reinforcement:	plastic
Colour:	transparent
Application temperature:	above -10 °C
Temperature resistance:	from -40 °C to +90 °C
Storage:	cool and dry



## KAFLEX mono

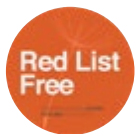
### Self-Adhesive Cable Sealing Grommet for 1 Cable, Ø 5 – 12 mm

**APPLICATION:** An airtight and weathertight sealing grommet made of strong, flexible EPDM with an integrated adhesive flange. KAFLEX is a beneficial component of all air barrier and weather resistive barrier systems. It is compatible with membranes, underlays, as well as rigid sheathings, rigid wall underlays, and rigid air barriers. Strong, flexible, UV stable for up to 180 days. Simple-to-remove release paper ensures maximum productivity during installation.



#### ADVANTAGES:

- ✓ Airtight & watertight for the life of the building
- ✓ High quality EPDM, extremely flexible and elastic
- ✓ Excellent UV exposure – up to 180 days
- ✓ Long-term durability
- ✓ Supplied with TESCON EXTORA® weathertight sealing tape for external and internal installation



ID CODE	LENGTH	WIDTH	QTY
13628	145 mm	145 mm	5
1AR00797	145 mm	145 mm	100 <b>jumbo pack*</b>

#### TECHNICAL DATA:

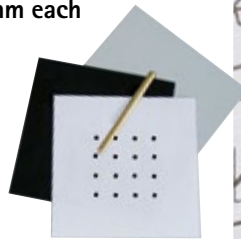
Main component:	TESCON EXTORA® with EPDM
Colour:	black
Cable diameter:	Ø 5 mm - 12 mm
Can be plastered over:	yes
Application temperature:	above -10 °C
Temperature resistance:	-40 °C to +150 °C
Storage:	cool and dry



## KAFLEX multi

Cable Sealing Grommet for up to 16 Cables, Ø 4.8 – 12 mm each

**APPLICATION:** KAFLEX multi is an airtight and weathertight EPDM grommet designed to seal up to 16 cable penetrations in façade and roof linings. Flexible and UV stable for up to 180 days, KAFLEX is integral to all air- and weather-resistant barrier systems. It is compatible with membranes, underlays, rigid sheathings, rigid wall underlays, and rigid air barriers.



### ADVANTAGES:

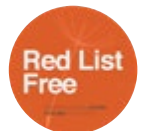
- ✓ Suitable for up to 16 penetrations in façades and roof linings
- ✓ Airtight & weathertight for the life of the building
- ✓ High-quality EPDM, extremely flexible and elastic
- ✓ Supplied with TESCON EXTORA® weathertight sealing tape for external and internal installation
- ✓ Long-term durability

ID CODE	LENGTH	WIDTH	QTY
1AR05056	140 mm	140 mm	2
1AR02181	140 mm	140 mm	10 <b>big pack*</b>

### TECHNICAL DATA:

Material:	EPDM
Colour:	blue
Temperature resistance:	-40 °C to +150 °C (EPDM) -40 °C to +90 °C (TESCON EXTORA®)
Installation temperature:	over -10 °C
Storage:	cool and dry
UV stability and outdoor exposure:	180 days

Internal use only.



## KAFLEX post

Cable Sealing Grommet for Already Installed Cables

**APPLICATION:** KAFLEX post can be used to provide a durable seal to an installed cable that is already connected. Can be used in combination with internal membranes. Not to used externally.



### ADVANTAGES:

- ✓ Create airtight seals around cables that are already in place
- ✓ Simple, fast and secure application
- ✓ Airtight for the life of the building



ID CODE	LENGTH	WIDTH	QTY
1AR05054	140 mm	140 mm	5

### TECHNICAL DATA:

Backing:	special PP fleece
Adhesive:	water-resistant SOLID adhesive
Release film:	silicone-coated paper
Release paper:	siliconised paper
Temperature resistance:	-40 °C to +90 °C
Application temperature:	from -10 °C
UV stability and outdoor exposure:	180 days



## ROFLEX 20

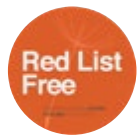
### Self-Adhesive Sealing Grommet for 1 Pipe or Conduit, Ø 15 – 30 mm

**APPLICATION:** ROFLEX 20 is a sealing grommet ideally suited for quick and permanent airtight sealing of penetrations of conduit and pipes. It is made of strong and flexible EPDM and can be used inside to seal penetrations through the airtightness layer as well as outside for penetrations in the roof and wall underlays. Conduits and pipes can be pulled and pushed without damaging the airtightness layer.



#### ADVANTAGES:

- ✓ Airtight & watertight for the life of the building
- ✓ High-quality EPDM, extremely flexible and elastic
- ✓ Excellent UV exposure – up to 180 days



ID CODE	LENGTH	WIDTH	QTY
13605	145 mm	145 mm	5
13606	145 mm	145 mm	30 <b>big pack*</b>
15912	145 mm	145 mm	100 <b>jumbo pack*</b>

\*big pack product only sold per unit.

\*jumbo pack product only sold per unit.

#### TECHNICAL DATA:

Main component:	Ø 15–30 mm: TESCON EXTORA with EPDM
Main component:	Ø ≥ 30 mm: EPDM
Colour:	black
Pipe diameter:	Ø 30 mm – 320 mm
Temperature resistance EPDM:	-40 °C to +150 °C (EPDM) -40 °C to +90 °C (TESCON EXTORA®)
Storage:	cool and dry
UV stability and outdoor exposure:	180 days



## ROFLEX 20 multi

Sealing Grommet for up to 9 Pipes or Cables, Ø 15 – 30 mm

**APPLICATION:** ROFLEX 20 multi is a sealing grommet ideally suited for quick and permanent airtight sealing of up to 9 penetrations of cables and pipes. Supplied with a hole punch. It is made of strong and flexible EPDM and can be used inside to seal penetrations through the airtightness layer, as well as outside for penetrations in the roof and wall underlays. Conduits and pipes can be pulled and pushed without damaging the airtightness layer.



### ADVANTAGES:

- ✓ Suitable for up to 9 penetrations in the airtightness layer, façades and roof underlays
- ✓ Airtight & watertight for the life of the building
- ✓ High-quality EPDM, extremely flexible and elastic
- ✓ Supplied with TESCON EXTORA® weathertight sealing tape for external and internal installation

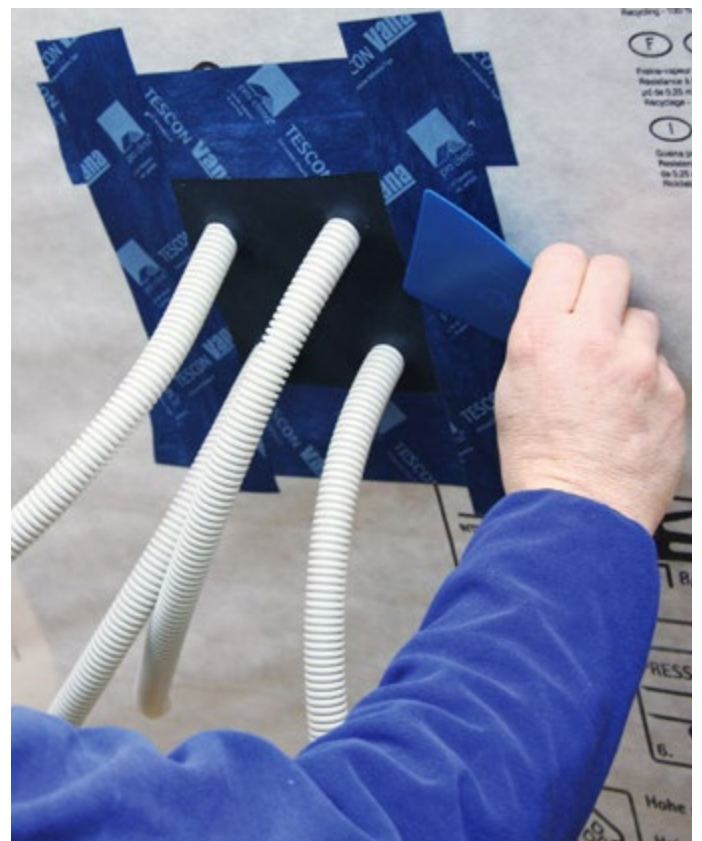


ID CODE	LENGTH	WIDTH	QTY
12936	200 mm	200 mm	2

Tape included

### TECHNICAL DATA:

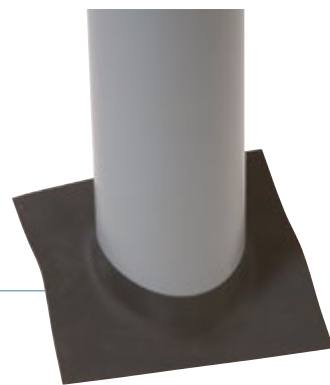
Material:	EPDM
Temperature resistance:	-40 °C to +150 °C (EPDM) -40 °C to +90 °C (TESCON EXTORA®)
Installation temperature:	above -10 °C
Storage:	cool and dry
UV stability and outdoor exposure:	180 days



## ROFLEX 30/50/100/150/200/250/300

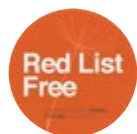
### Sealing Grommets for Pipes

**APPLICATION:** Sealing grommets are suited for quick and permanent airtight sealing of pipes' penetrations. They are made of strong and flexible EPDM and can be used inside to seal penetrations through the airtightness layer and outside for penetrations in the roof and wall underlays. Pipes can be pulled and pushed without damaging the airtightness layer.



#### ADVANTAGES:

- ✓ Airtight & weathertight for the life of the building
- ✓ Ideal for sealing pipe penetrations
- ✓ High-quality EPDM, extremely flexible and elastic
- ✓ Supplied with TESCON EXTORA® weathertight sealing tape for external and internal installation



PRODUCT	ID CODE	LENGTH	WIDTH	FOR DIAMETER	QTY	
ROFLEX 30	16704	140 mm	140 mm	Ø 30-50 mm	2**	
ROFLEX 30	16695	140 mm	140 mm	Ø 30-50 mm	20	big pack*
ROFLEX 30	1AR00149	140 mm	140 mm	Ø 30-50 mm	100	jumbo pack*
ROFLEX 50	13608	140 mm	140 mm	Ø 50-90 mm	2**	
ROFLEX 50	13609	140 mm	140 mm	Ø 50-90 mm	20	big pack*
ROFLEX 50	11362	140 mm	140 mm	Ø 50-90 mm	100	jumbo pack*
ROFLEX 100	13610	200 mm	200 mm	Ø 100-120 mm	2**	
ROFLEX 100	1AR02184	200 mm	200 mm	Ø 100-120 mm	10	big pack*
ROFLEX 100	13613	200 mm	200 mm	Ø 100-120 mm	20	big pack*
ROFLEX 100	11083	200 mm	200 mm	Ø 100-120 mm	100	jumbo pack*
ROFLEX 150	13614	250 mm	250 mm	Ø 120-170 mm	2**	
ROFLEX 150	1AR02201	250 mm	250 mm	Ø 120-170 mm	10	big pack*
ROFLEX 150	15908	250 mm	250 mm	Ø 120-170 mm	100	jumbo pack*
ROFLEX 200	13615	300 mm	300 mm	Ø 170-220 mm	2**	
ROFLEX 200	1AR02202	300 mm	300 mm	Ø 170-220 mm	10	big pack*
ROFLEX 200	13616	300 mm	300 mm	Ø 170-220 mm	20	big pack*
ROFLEX 250	13617	450 mm	450 mm	Ø 220-270 mm	2**	
ROFLEX 300	13618	500 mm	500 mm	Ø 270-320 mm	2**	

\*\* tape included

\*big pack product only sold per unit, tape not included.

\*jumbo pack product only sold per unit, tape not included.

#### TECHNICAL DATA:

Material:	EPDM
Temperature resistance:	-40 °C to +150 °C (EPDM) -40 °C to +90 °C (TESCON EXTORA®)
Installation temperature:	above -10 °C
Storage:	cool and dry
UV stability and outdoor exposure:	180 days





## DASATOP®

### Retrofit Vapour Control Layer

**APPLICATION:** DASATOP® is an air-resistive barrier for installation over rafters and across sarking in roof renovation projects installed from the outside. DASATOP® protects structures from rain wetting during construction for up to four weeks while cladding is removed.



#### ADVANTAGES:

- ✓ Airtightness installed from the outside
- ✓ Specifically developed for roof restoration
- ✓ Humidity-variable MVTR
- ✓ No additional airtight joints are required at the rafters
- ✓ High tear-resistance due to fleece reinforcement
- ✓ Also used for wall renovations from the outside



07  
EN 13984

Tested for hazardous  
substances according to



#### SYSTEM PRODUCTS:

TESCON EXTORA®; TESCON EXTORA® PROFIL; ORCON® CLASSIC; KAFLEX; ROFLEX; CONTEGA® PV

ID CODE	LENGTH	WIDTH	AREA (*)	KG/ROLL	QTY
10094	50 m	1.50 m	75 m <sup>2</sup> (68.5 m <sup>2</sup> )	7	1

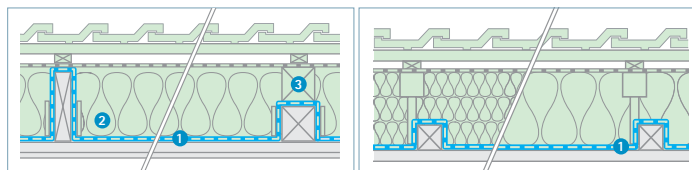
\* Effective Coverage

#### TECHNICAL DATA:

Protective and covering fleece:	PP fleece	
Functional film:	polyethylene copolymer	
$s_d$ -value, humidity-variable:	0.05 - 2 m	EN 1931
Colour:	green	
Surface weight:	100 g/m <sup>2</sup>	EN 1849-2
MVTR-value:	8 ± 1.25 MNs/g	
MVTR humidity-variable range:	0.25 - 10 MNs/g	
Water column:	> 1,500 mm	EN ISO 811
Temperature resistance:	-40 °C to 80 °C	EN 1109, EN 1296, EN 1297

CE certification as per DIN EN 13984.

#### External installation of vapour control layer for top and bottom of rafter



- 1 DASATOP® airtight membrane
- 2 Position held by DASATOP® FIX
- 3 Frame



## DASATOP® FIX

### Mounting Rail for Sides of Rafters

**APPLICATION:** DASATOP® FIX board is used to secure installed retrofit vapour control layer DASATOP® around existing rafters.

ID CODE	KG	QTY
15435	5	50pc

#### TECHNICAL DATA:

Main component:	MDF/ HDF fibreboard E1 / V20
Colour:	brown
Length:	1 m
Width:	40 mm
Thickness:	3 mm
Weight:	ca. 90 g/m
Application temperature:	above -10 °C
Temperature resistance:	-40 °C to 90 °C
Storage:	cool and dry



**SOLITEX MENTO®**  
Roof Weather Resistive Barrier



**DASATOP® FIX**  
Mounting Rail for  
Sides of Rafters



**TESCON EXTORA® PROFIL**  
Weathertight Corner  
Sealing Tape



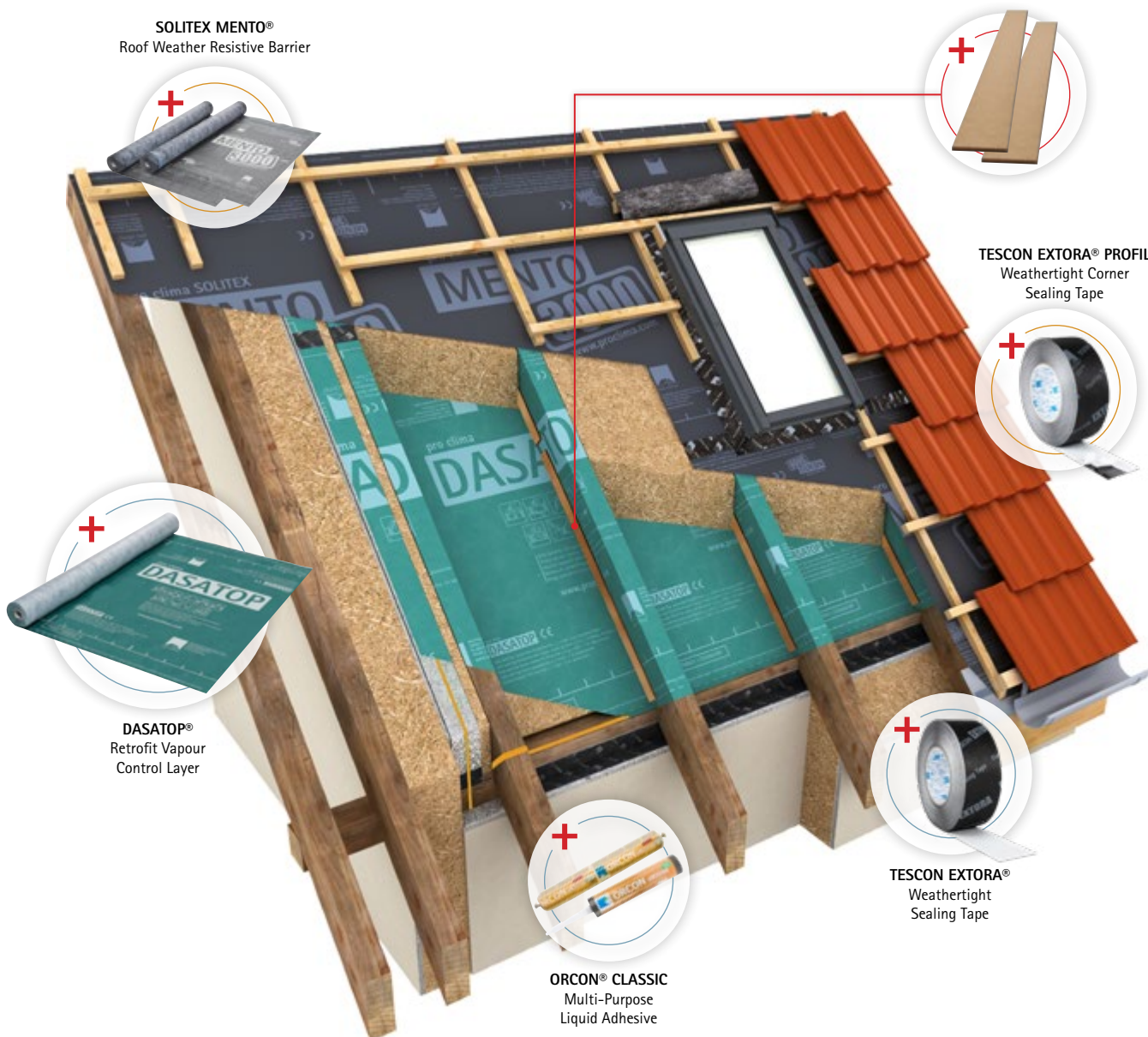
**DASATOP®**  
Retrofit Vapour  
Control Layer



**TESCON EXTORA®**  
Weathertight  
Sealing Tape



**ORCON® CLASSIC**  
Multi-Purpose  
Liquid Adhesive



# AEROSANA® VISCONN

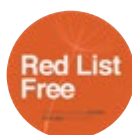
## Sprayable Airtightness Sealant with a Humidity-Variable MVTR

**APPLICATION:** For use as a humidity-variable vapour control and airtight layer that can be applied as a spray or with a brush. It is suitable for wall, ceiling, and floor surface applications, such as non-plastered masonry or porous panel-form materials. AEROSANA® VISCONN can also be used for creating joints to components such as windows, roofs, walls, ceilings, and floors. Can be used on the interior and exterior of building components due to the product's humidity-variable diffusion resistance. Once dried, the sprayed-on liquid film forms a seamless, elastic, airtight, and vapour-checking protective layer. It sticks to all standard construction materials, pro clima membranes and membranes made from aluminium and paper. Sprays on blue, dries black.



### ADVANTAGES:

- ✓ Sprayable airtightness sealant with a humidity-variable MVTR
- ✓ Reliable structures thanks to excellent adhesive properties
- ✓ Can be plastered/painted over
- ✓ Suitable for application in indoor and protected outdoor areas, thanks to its humidity-variable MVTR
- ✓ Lowest VOC rating in hazardous substance test



PRODUCT	ID CODE	CONTENT	COVERAGE	DRYING COLOUR	QTY
AEROSANA® VISCONN	1AR01106	10 L	750 g/m <sup>2</sup>	black	1
AEROSANA® VISCONN	1AR02612	600 ml	750 g/m <sup>2</sup>	black	1
AEROSANA® VISCONN WHITE	1AR01740	10 L	750 g/m <sup>2</sup>	white	1
AEROSANA® VISCONN WHITE	1AR02749	600 ml	750 g/m <sup>2</sup>	white	1

### TECHNICAL DATA:

Sealant:	modified aqueous acrylate polymer dispersion	
Colours - Visconn:	wet dark blue / dry dark black	
Colours - Visconn White:	white	
Surface weight:	290 g/m <sup>2</sup> (dried, at 0.3 mm thickness)	EN 1849-2
Coating application:	0.2 - 1.0 mm wet film	
Vapour resistance (MVTR) humidity variable:	0.65 - 50 MN-s/g	EN ISO 12572
Water column:	2 000 mm	EN ISO 811
Can be plastered/painted over:	yes, and pro clima tapes adhere to it	
Application temperature:	5 °C to 60 °C (also applies to substrate temperature)	
Drying:	approx. 12 - 48 hours (at 20 °C, 65% rel. humidity), depending on substrate and applied thickness	
Temperature resistance:	-40 °C to +90 °C (dried)	
Coverage:	approx. 1.33 m <sup>2</sup> /l (0.75 l/m <sup>2</sup> ), depending on substrate and application method	
Storage - Visconn:	-15 °C to +25 °C, closed in an airtight manner	
Storage - Visconn White:	+5 °C to +25 °C, closed in an airtight manner	



# AEROSANA® VISCONN FIBRE

## Fibre-Reinforced Sealant with a Humidity-Variable $s_d$ -value

**APPLICATION:** AEROSANA® VISCONN FIBRE is a brush-on, elastic and humidity-variable vapour control layer. AEROSANA® VISCONN FIBRE creates an airtightness layer for sealing porous surfaces, penetrations and joints. Thanks to the fibre reinforcement, joints and cracks of up to 20 mm can be covered. Use AEROSANA® FLEECE for larger joints. Can be sprayed from a sausage using AEROFIXX Gun.



### ADVANTAGES:

- ✓ Excellent adhesion to most construction surfaces
- ✓ Covers cracks and joints up to 20 mm wide
- ✓ Larger joints can be covered in combination with AEROSANA® FLEECE
- ✓ Can be used flexibly in all interior applications and protected exteriors



PRODUCT	ID CODE	CONTENT	COVERAGE	DRYING COLOUR	QTY
AEROSANA® VISCONN FIBRE	1AR01677	5 L	600 g/m <sup>2</sup>	black	1
AEROSANA® VISCONN FIBRE	1AR02633	600 ml	600 g/m <sup>2</sup>	black	1
AEROSANA® VISCONN FIBRE WHITE	1AR02750	600 ml	600 g/m <sup>2</sup>	white	1

Red List Free

### TECHNICAL DATA:

Sealant:	modified aqueous acrylate polymer dispersion, fibre-reinforced				
Colours - Visconn:	wet dark blue / dry dark black				
Colours - Visconn White:	white				
Surface weight:	290 g/m <sup>2</sup> (dried, at 0.3 mm thickness)			EN 1849-2	
Coating application:	0.6 - 1.4 mm wet film				
Vapour resistance (MVTR) humidity variable:	0.75 - 25 MN-s/g			EN ISO 12572	
Water column:	2 000 mm			EN ISO 811	
Can be plastered/painted over:	yes, and pro clima tapes adhere to it				
Application temperature:	5 °C to 60 °C (also applies to substrate temperature)				
Drying:	approx. 6 - 48 hours (at 20 °C, 65% rel. humidity), depending on substrate and applied thickness				
Temperature resistance:	-40 °C to 90 °C (dried)				
Coverage:	1.25-2.5 m <sup>2</sup> /l (0.4-0.8 l/m <sup>2</sup> ), depending on substrate and application method				
Storage - Visconn:	-15 °C to +25 °C, closed in an airtight container				
Storage - Visconn White:	+5 °C to +25 °C, closed in an airtight manner				



## AEROSANA® FLEECE

Fleece within the AEROSANA® VISCONN System for Covering Cracks or Joints

**APPLICATION:** AEROSANA® FLEECE is an embedded mesh for working with spray-on or brush-on seals from the AEROSANA® VISCONN family. It can be used to reliably cover cracks or joints that are wider than 3 mm (1/8") in the case of AEROSANA® VISCONN or 20 mm (3/4") in the case of AEROSANA® VISCONN FIBRE.



### ADVANTAGES:

- ✓ Tested as part of the AEROSANA® VISCONN system
- ✓ Very malleable fleece material
- ✓ Excellent values in hazardous substance testing



ID CODE	LENGTH	WIDTH	CONTENT	QTY
1AR01715	25 m	15 cm	7.5 m <sup>2</sup>	2

### TECHNICAL DATA:

Main component:	PET
Colour:	white
Surface weight:	63 g/m <sup>2</sup>
Thickness:	0.7 mm
Tensile strength MD/LD:	90 N/5 cm / 145 N/5 cm
Elongation MD/LD:	75 % / 90 %
Application temperature:	5 °C to 60 °C



## AEROFIXX

### Application Gun for AEROSANA® System Foil Cartridges

**APPLICATION:** For quick and easy application of AEROSANA® VISCONN and AEROSANA® VISCONN FIBRE sealants from 600 ml foil sausage. For use with air compressors capable of 6.8 bar (100 psi), 300 l/min air flow.



#### ADVANTAGES:

- ✓ Work more quickly: application and spreading of the sealant in a single working step
- ✓ Precise application of sealant: different settings allow for bead or spray
- ✓ No brush required



ID CODE	WEIGHT	QTY
1AR02714	1.6 kg	1

#### TECHNICAL DATA:

Main component:	stable aluminium pressure cylinder, ergonomic nylon handle
Colour	black, grey
Length	445 mm
Width	276 mm
Height	83 mm
Weight	1.6 kg
Air flow rate	300 l/min
Operating pressure	up to 6.8 bar (100 psi)
Storage	cool and dry



# Weather-tightness

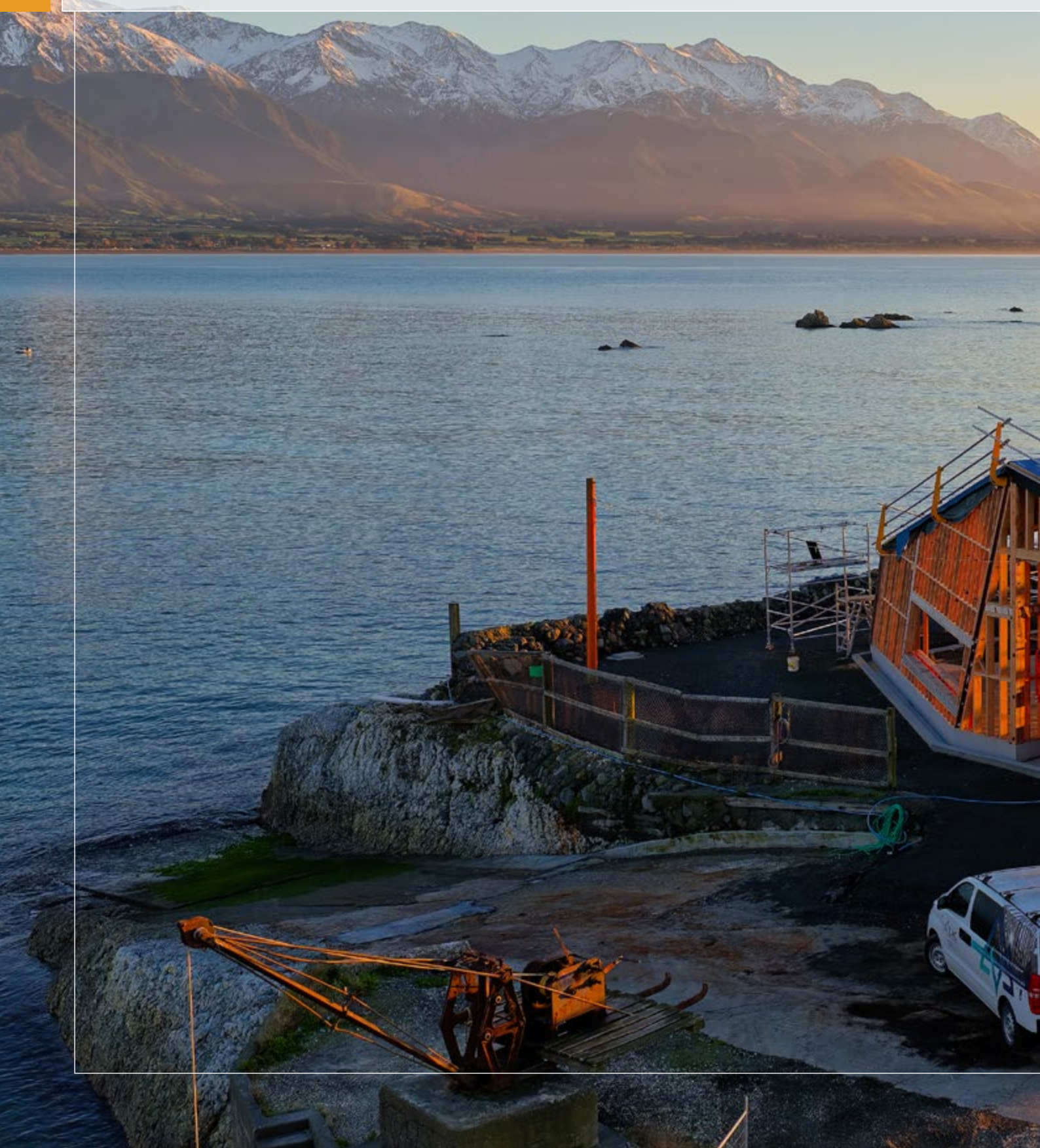




Photo: Andrew Spencer

## Pro Clima systems actively carry moisture outwards

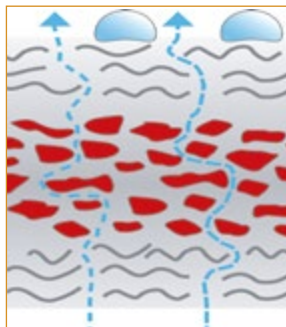
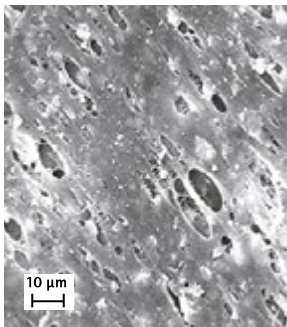


Moisture on surfaces with microporous membranes



## Conventional technology: Microporous membrane

No active moisture transport = wet construction



### Micropores in the functional film:

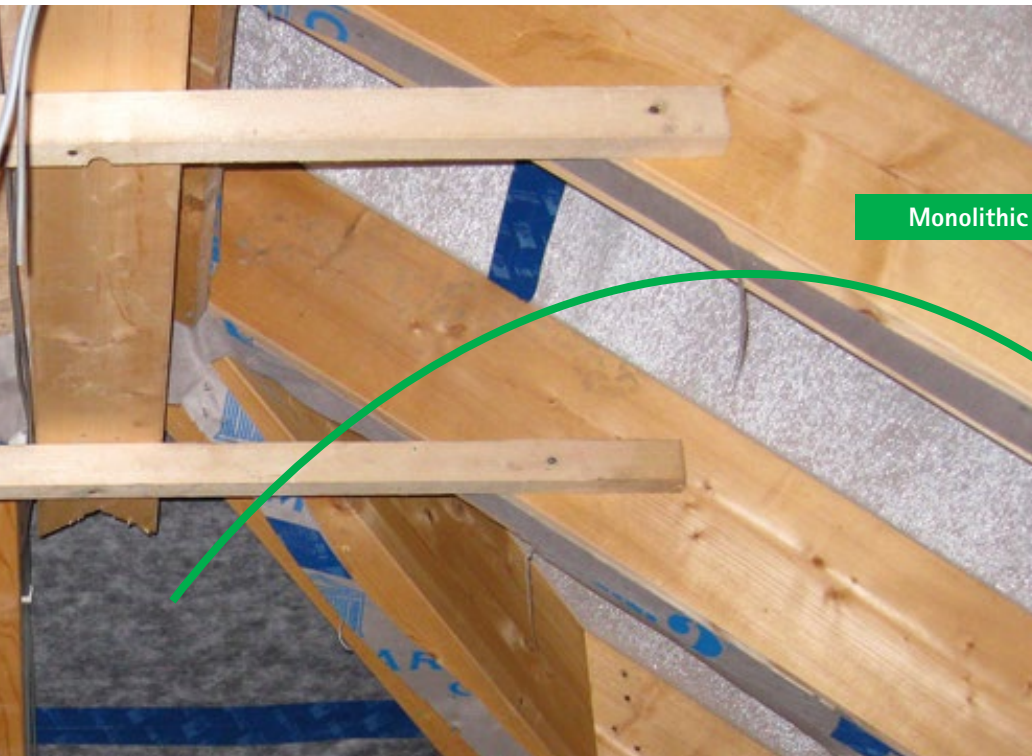
- ✘ Conventional level of protection against driving rain
- ✘ Passive moisture transport
- ✘ Requires a large vapour pressure gradient
- ✘ Membrane becomes less vapour-open when exposed to moisture



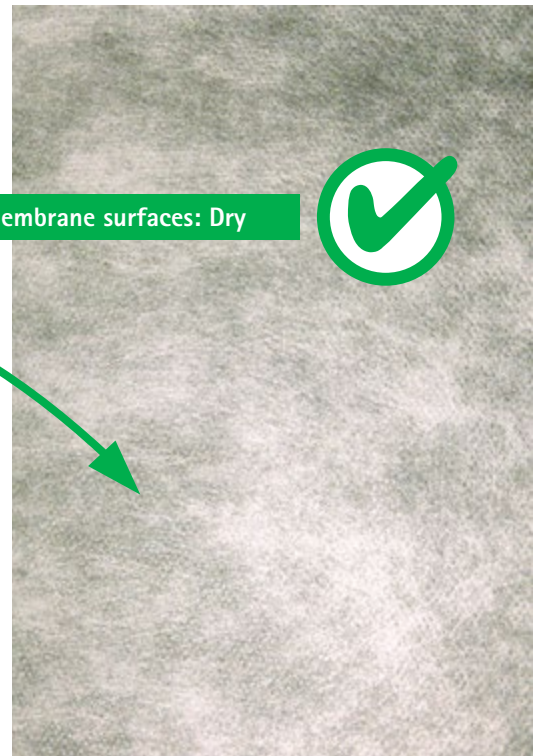
Microscopic image of a conventional underlay membrane. Porous membranes allow moisture to escape through airflow. Their pores provide only average levels of protection in terms of diffusion and resistance to driving rain.

In conventional PP membranes with micropores, water vapour escapes through tiny holes to the outside. However, when larger amounts of vapour need to pass through, a moisture film can form on the inner surface of the membrane. The result: the vapour resistance increases and the risk of damage rises. Moisture transport to the outside is a passive process, which only works if there is a relatively high vapour pressure gradient. In modern, highly insulated constructions, this condition is not always achieved.

Protection against external water is provided because water droplets are too large to pass through the pores due to their surface tension. However, in driving rain, or when wood extractives or solvents reduce the surface tension, significant amounts of water can penetrate into the insulation. This may lead to mould growth and damage to the construction.

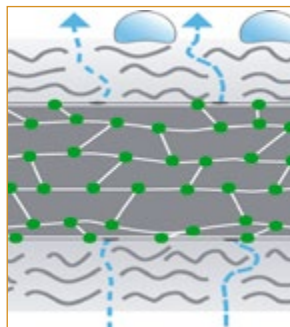
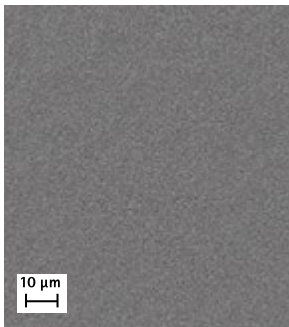


Monolithic membrane surfaces: Dry



## SOLITEX MENTO® pore-free technology for added safety

Active moisture transport = dry, condensation-free construction



### Pore-free SOLITEX® membrane:

- ✓ Maximum protection against driving rain
- ✓ Water column resistance up to 10,000 mm
- ✓ Active moisture transport
- ✓ Requires only a minimal vapour pressure gradient
- ✓ Membrane becomes more vapour-open when exposed to moisture
- ✓ No tent effect



Same magnification of a monolithic, pore-free SOLITEX® membrane. The monolithic membrane reliably enables active diffusion while providing exceptionally high resistance to driving rain.

Pore-free membranes actively transport moisture to the outside – the more moisture there is, the faster the diffusion. Only a minimal partial vapour pressure gradient is required for transport. Driving-rain resistance is achieved because there are no pores. High impact speeds or reduced surface tension of water droplets are unproblematic in the SOLITEX® weathertightness system.



Benefits of Weathertightness  
<https://proclima.co.nz/building-science/weathertightness>



## Weathertightness is the ability of a building to protect itself and us from the weather.

Weather is a combination of forces that are constantly driving the elements of air and water. These forces and elements combine to create physical properties such as temperature, wind speed, rainfall, humidity, and air pressure. Our buildings should be designed and constructed to shelter us from the adverse effects of wind, water, and the sun. Weathertight construction contributes to the health and comfort of people inside the building, while also ensuring the building will stand the test of time.

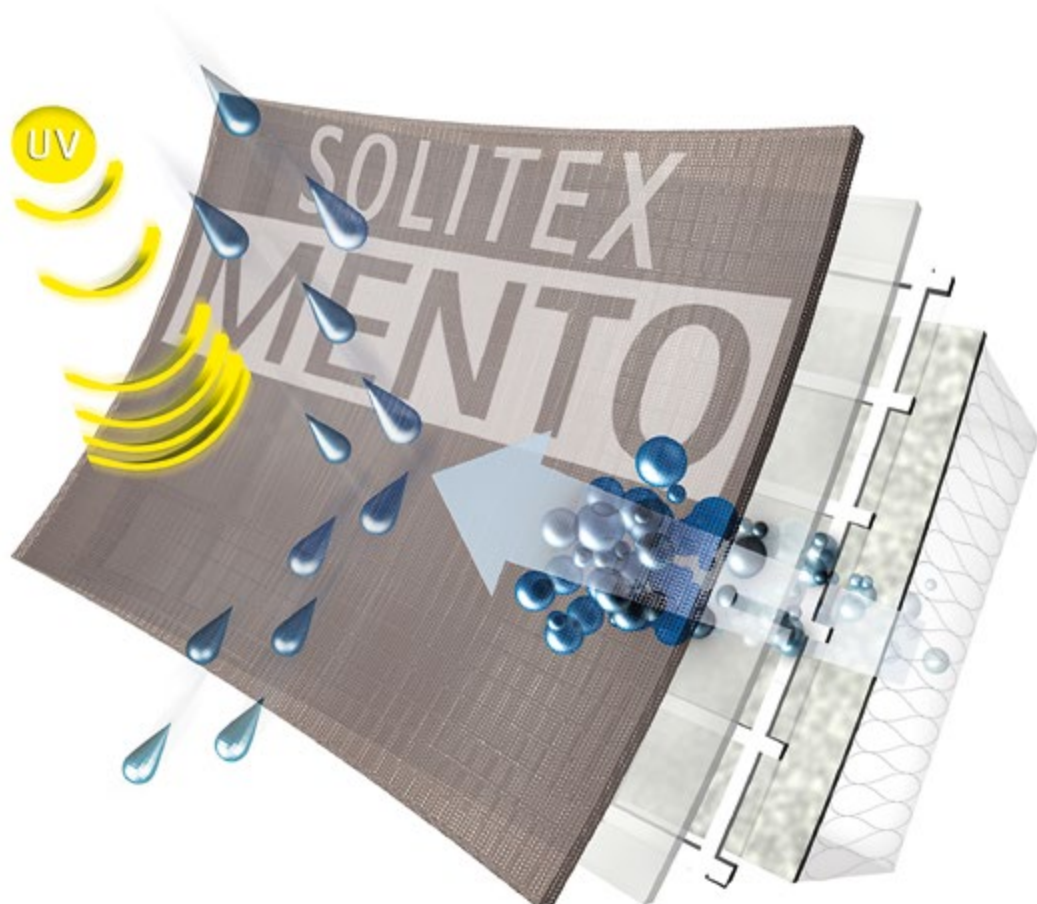
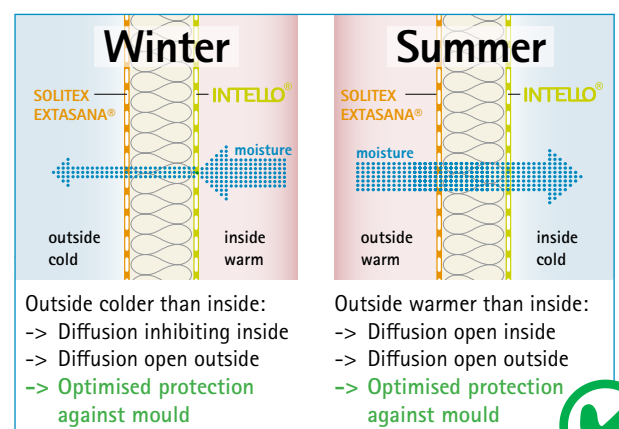


### SOLITEX®

The best weathertightness is achieved with high-performance, monolithic, non-porous Weather Resistive Barriers (WRBs) which provide:

- ✓ **High water resistance** - Three-layers with non-porous, diffusion-open membrane
- ✓ **High UV resistance** - From 30 to 180 days exposure in New Zealand
- ✓ **Low vapour resistance** - TEEE film for active moisture transport and drying
- ✓ **High thermostability** - Extremely high temperature resistance 100 - 120°C
- ✓ **High rip and nail tear resistance** - Durable in high wind zones
- ✓ **Fire retardant** - Low flammability index

### The best solution: intelligent membranes



# A Systems Approach

**TESCON® NAIDECK**  
Double-Sided  
Self-Sealing Strip

**TESCON EXTORA® PROFIL**  
Weathertight Corner  
Sealing Tape

**SOLITEX MENTO®**  
Roof Weather  
Resistive Barrier

**KAFLEX mono**  
Cable Sealing Grommet

**SOLITEX  
EXTASANA®**  
Wall Weather  
Resistive Barrier

**SOLITEX  
EXTASANA  
ADHERO®**  
Self-Adhesive  
Weather Resistive  
Barrier

**TFLEX**  
Façade Control  
Joint Material

**ORCON® CLASSIC**  
Multi-Purpose  
Liquid Adhesive

**TESCON EXTORA®**  
Weathertight  
Sealing Tape

**ROFLEX**  
Sealing Grommet  
For Pipes

**TESCON EXTONSEAL®**  
Sill Tape

**CONTEGA® EXO**  
Exterior Joinery  
Connection Strip

## SOLITEX EXTASANA ADHERO®

### Self-Adhesive Weather Resistive Barrier

**APPLICATION:** SOLITEX EXTASANA ADHERO® provides the ultimate weather protection layer for walls and roofs under all conditions. Once fully adhered to rigid substrates, SOLITEX EXTASANA ADHERO® protects the building from wind, driving rain, and other external water sources while allowing any internal moisture to escape through the vapour permeable, non-porous TEEE\* layer. The TEEE layer is a robust, flexible, non-porous thermoplastic layer that prevents rain ingress while still allowing drying of moisture.



#### ADVANTAGES:

- ✓ Fully self-adhered membrane
- ✓ Superior UV resistance (180 days exposure)
- ✓ Ultimate resistance against extreme wind gusts
- ✓ Ideal for offsite fabrication
- ✓ Fire retardant



#### SYSTEM PRODUCTS:

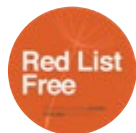
TESCON EXTORA®; TESCON EXTOSEAL®; ORCON® CLASSIC; KAFLEX; ROFLEX; CONTEGA® EXO

ID CODE	LENGTH	WIDTH	AREA (*)	KG/ROLL	QTY
1AR01968	30 m	1.50 m	45 m <sup>2</sup> (40.5 m <sup>2</sup> )	14.5	1
1AR05149	30 m	500 mm	15 m <sup>2</sup> (N/A)	5	1

\* Effective Coverage

#### TECHNICAL DATA:

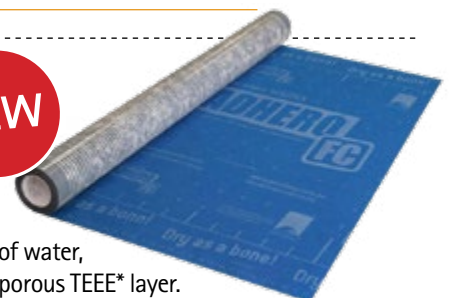
Cover-fleece + protective-layer:	polypropylene microfibre	
Functional film:	monolithic TEEE film	
Adhesive:	water-resistant SOLID adhesive	
Release film:	silicone-coated PE film	
Colour:	dark blue	
Surface weight:	240 g/m <sup>2</sup>	EN 1849-2
Thickness:	0.7 mm	EN 1849-2
Vapour resistance (MVTR):	depends on substrate	ASTM E96 Procedure B
Flammability index:	< 5	AS 1530.2
Resistance to UV exposure:	180 days	ASTM G154 / ASTM G155
Absorbency:	> 150 g/m <sup>2</sup>	AS/NZS 4201.6
Water column:	10 000 mm	EN ISO 811
Resistance to water penetration:	pass (> 100 mm)	AS/NZS 4201.4
Air resistance:	≥ 0.1 MN-s/m <sup>3</sup>	ISO 5636-5
Type classification:	W4	NZS 2295:2006
Edge tear-resistance MD/LD:	depends on substrate	TAPPI T470
Tensile strength MD/LD:	depends on substrate	ASTM D882
Heat shrinkage @ 70°C MD/LD:	N/A (fully adhered membrane)	ASTM D1204
Moisture shrinkage:	N/A (fully adhered membrane)	AS/NZS 4201.3
Temperature resistance:	-40 °C to 100 °C	
pH extract:	6.40	AS/NZS 1301.421s



## SOLITEX® ADHERO FC

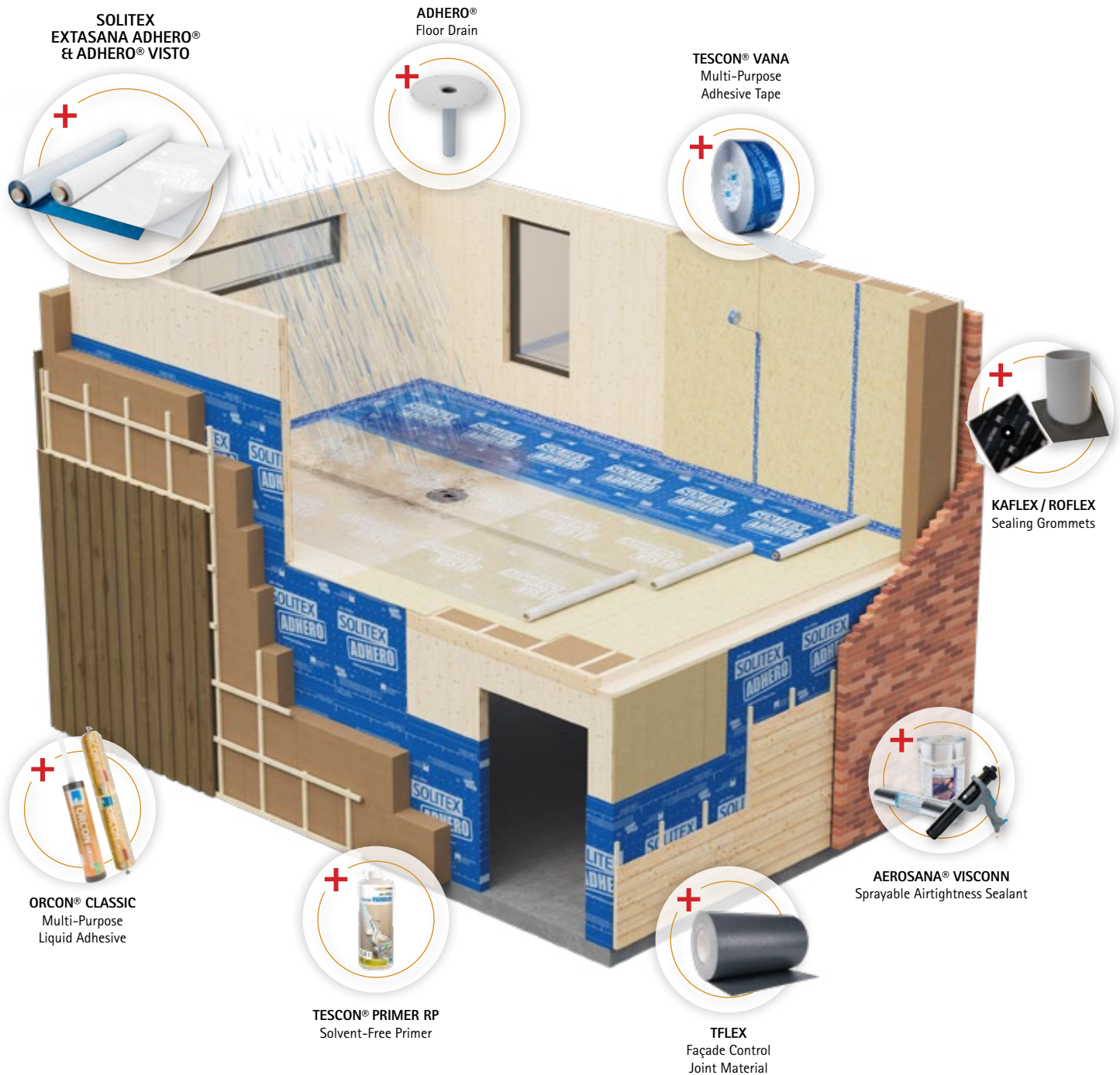
### Self-Adhesive Weather Resistive Barrier

**APPLICATION:** SOLITEX® ADHERO FC provides the ultimate weather protection layer for your walls and roofs under all conditions. When fully adhered to rigid substrates, it provides protection from wind, driving rain and other external sources of water, whilst allowing any internal moisture to escape through the vapour permeable, non-porous TEEE\* layer.



ID CODE	LENGTH	WIDTH	AREA (*)	KG/ROLL	QTY
1AR04797	30 m	1.5 m	45 m <sup>2</sup> (N/A)	14	1

# SOLITEX ADHERO® System



## PRESSFIX / PRESSFIX XL

Pressing aid for adhesive tapes and SOLITEX EXTASANA ADHERO® Weather Resistive Barrier

APPLICATION: Practical tool pressing adhesive tapes and membranes into place evenly.

PRODUCT	ID CODE	LENGTH	WIDTH	QTY
PRESSFIX	16134	105 mm	80 mm	10
PRESSFIX XL	1AR01658	285 mm	130 mm	1

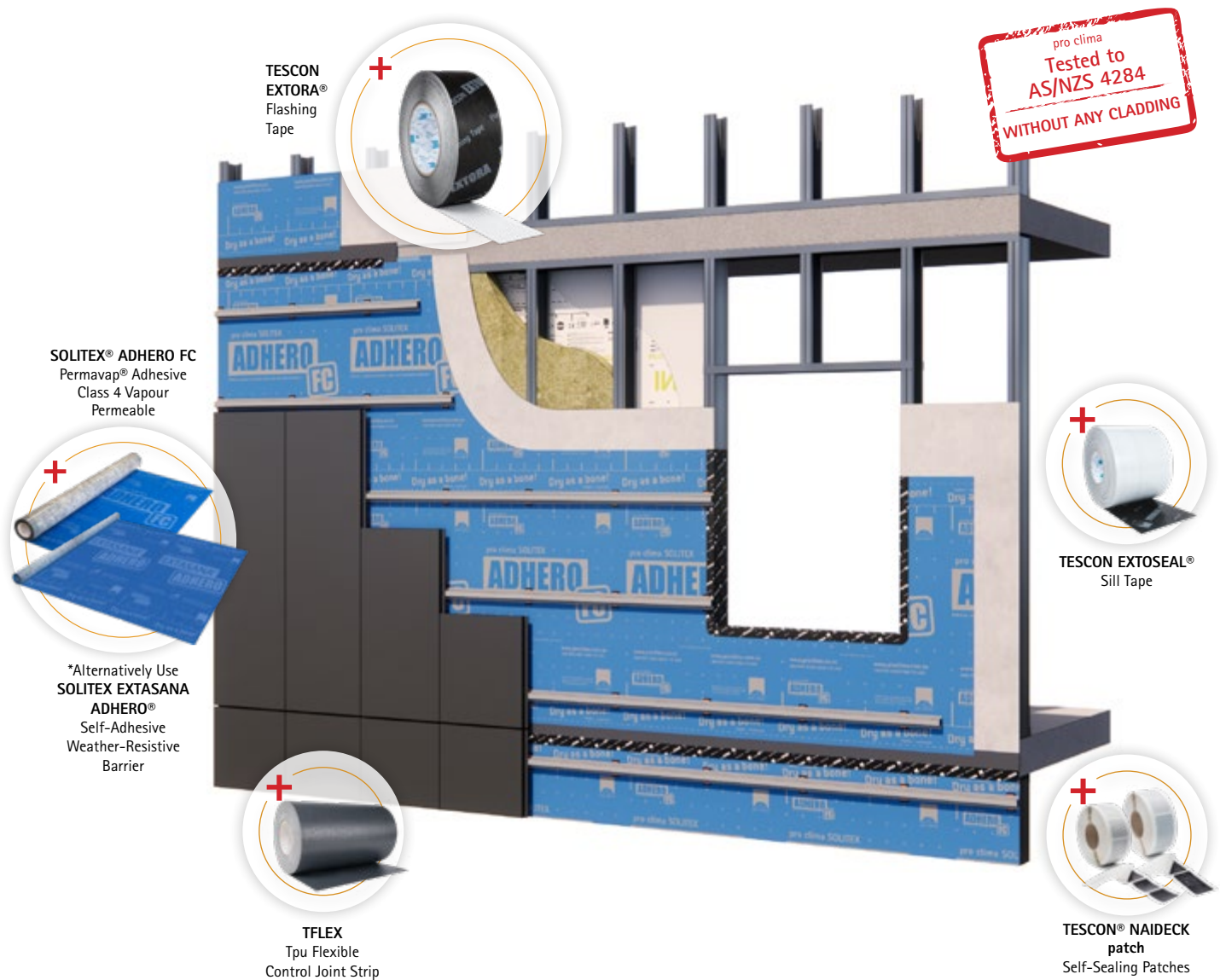
Single PRESSFIX (small) supplied free in complete boxes of TESCON® VANA, TESCON EXTORA®, and TESCON EXTSEAL® tapes.



## FORTX™ System

pro clima's new tested façade system – a stand-alone solution for weather protection

**APPLICATION:** The pro clima FORTX™ system is a weathertight façade solution suitable for use with any cladding type in any climate. It comprises SOLITEX® ADHERO FC or SOLITEX EXTASANA ADHERO® adhesive WRBs applied over any rigid substrate, combined with all relevant accessories to form a complete solution. When combined with INTELLO® PLUS, the system provides the ultimate solution for airtightness, vapour control and healthy buildings.



### ADVANTAGES:

- ✓ Ultimate weatherproofing: pro clima's ADHERO® WRBs resist wind-driven rain and pressure-induced water ingress
- ✓ High wind stability: Provides a flat, fully supported and adhered WRB, ensuring consistent performance and long-term durability
- ✓ Accommodates building movement: TFLEX flexible control joint material suitable for seismic movement joints and interstorey transitions
- ✓ Enhanced condensation control: Available with both Class 3 and Class 4 Vapour permeable Weather Resistive Barriers and INTELLO® PLUS

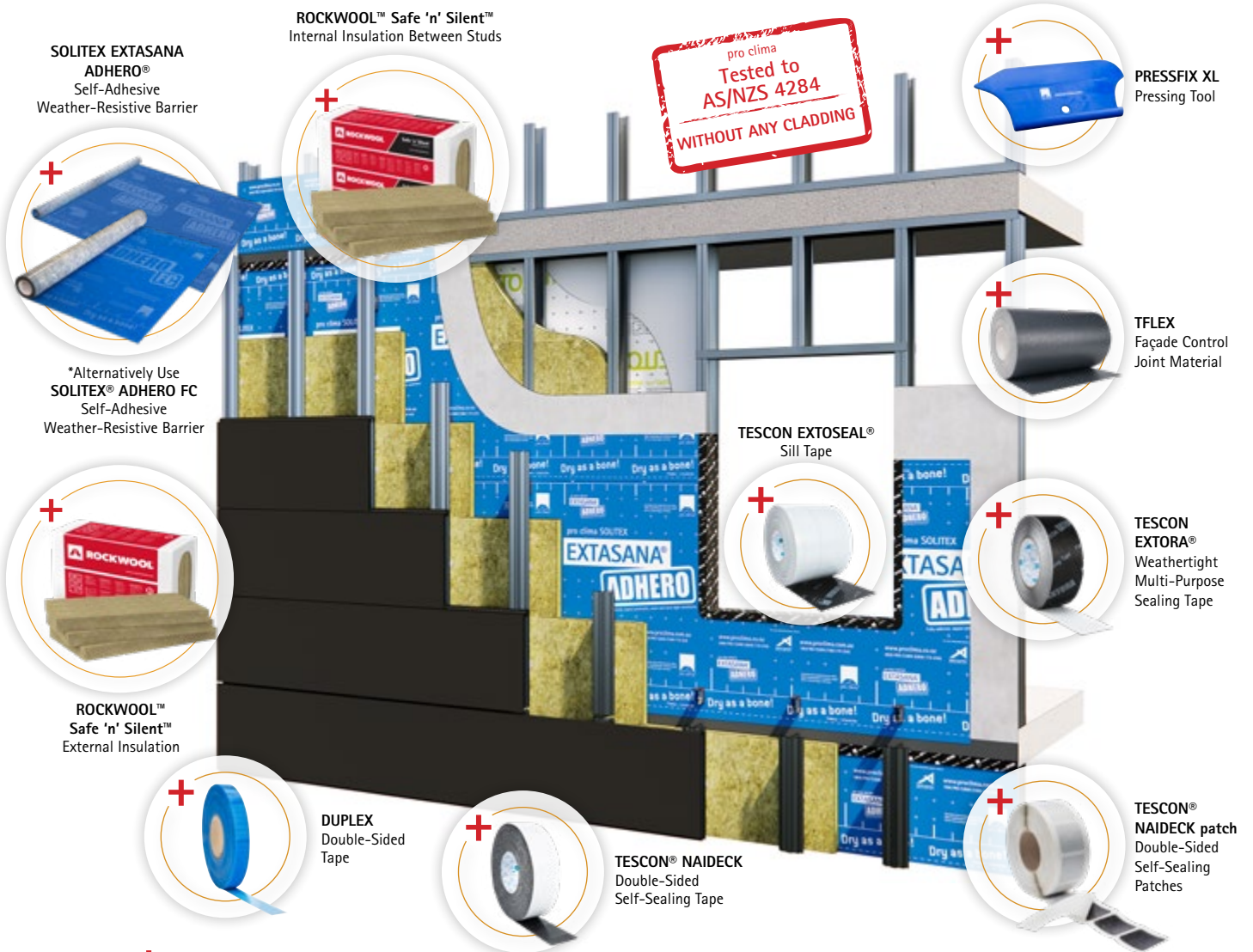
### SYSTEM PRODUCTS:

SOLITEX® ADHERO FC; SOLITEX EXTASANA ADHERO®; TFLEX, TESCON EXTASEAL®; TESCON® NAIDECK PATCH, TESCON® NAIDECK

## FORTX™ MELIOR System

pro clima's new tested façade system – a stand-alone solution for weather and thermal protection

**APPLICATION:** FORTX™ MELIOR builds on the proven FORTX™ system by incorporating a non-combustible, hydrophobic layer of continuous external ROCKWOOL™ Rainscreen™ insulation, enhancing thermal performance, improving moisture management, and delivering the highest standard of façade safety and efficiency. FORTX™ MELIOR is a stand-alone solution for weather and thermal protection. Where in-wall insulation is used inside the FORTX™ MELIOR system, incorporating INTELLO® PLUS provides the ultimate solution for airtightness, vapour control and healthy buildings.



### ADVANTAGES:

- ✓ Free from corrosion, condensation and mould: Rigid boards stay dry, effectively controlling interstitial moisture accumulation
- ✓ Enhanced energy efficiency: Minimises thermal bridging, improving overall thermal performance and comfort
- ✓ Increased fire safety: Enhances fire protection when paired with ROCKWOOL™ Rainscreen™ non-combustible stone wool insulation in the cavity
- ✓ Improved acoustic performance: High density ROCKWOOL™ Rainscreen™ fibrous insulation dampens external noise, improving internal comfort
- ✓ Plus all FORTX™ system advantages



Visit our website for more details and downloads  
[proclima.co.nz/products/fortx](http://proclima.co.nz/products/fortx)

### SYSTEM PRODUCTS:

SOLITEX™ EXTASANA ADHERO®; SOLITEX™ ADHERO FC; ROCKWOOL™ SAFE 'N' SILENT™; DUPLEX; PRESSFIX XL; TFLEX; TESCON EXTORA®; TESCON® NAIDECK; TESCON® NAIDECK PATCH

No mess, No waste.

Dry as a bone!

Dry as a

pro clima SOLITEX

EXTASANA®

ADHERO

Fully self-adhesive, vapour permeable, water and wind tight membrane

developed and produced by  
MOLL bauökologische Prod  
68723 Schwetzingen, Germ

pro clima SOLITEX



### Keeping plastic in use – not landfill.

No one wants to see plastic end up in landfills. That's why Pro Clima teamed up with GoodWrap Recycling, offering customers a free, simple, and trackable way to recycle plastic backing film, ensuring it stays in circulation.



bone! Dry as a bone!

pro clima SOLITEX  
EXTASANA<sup>®</sup>  
ADHERO

pro clima SOLITEX

### Reusing plastic for good.

By ensuring plastic backing is recycled and repurposed right here in Aotearoa, we're lowering carbon emissions, supporting local manufacturing, and keeping plastic in use – not in landfills.



ADHERO<sup>®</sup> backing film recycling  
<https://proclima.co.nz/comfort-and-sustainability/pro-clima-x-good-wrap>

# SOLITEX ADHERO® VISTO

## Transparent Fully Adhered Weather Protection Membrane

**APPLICATION:** SOLITEX ADHERO® VISTO provides the ultimate weather protection during construction. Thanks to its full-surface adhesion, this membrane provides airtightness and weather protection for intermediate floors on multi-storey mass timber (e.g. cross-laminated timber) or wooden-frame buildings during the construction period.



### ADVANTAGES:

- ✓ Protects the structure against weathering during the construction phase
- ✓ 42 days outdoor exposure
- ✓ Preparation work is made easier: markings, connectors and penetrations on timber floors remain visible
- ✓ Safe working: anti-slip surface, even in wet conditions
- ✓ Water-resistant SOLID adhesive ensures adhesion to the substrate and within overlap areas



ID CODE	LENGTH	WIDTH	AREA (*)	KG/ROLL	QTY
1AR04026	30 m	1.50 m	45 m <sup>2</sup> (40.5 m <sup>2</sup> )	10.5	1
1AR04302	30 m	300 mm	15 m <sup>2</sup> (N/A)	2.1	1

\* Effective Coverage



### TECHNICAL DATA:

Fleece:	polypropylene	
Membrane:	polyethylene copolymer	
Adhesive:	water-resistant SOLID adhesive	
Release film:	silicone-coated PE film	
Thickness:	0.35 mm ± 0.05 mm	EN 1849-2
Surface weight:	210 g/m <sup>2</sup> ± 5 g/m <sup>2</sup>	EN 1849-2
Flammability index:	<5	AS 1530.2
Temperature resistance:	-40 °C to +80 °C	
Heat shrinkage @ 70°C:	-0.4% / 0.0%	ASTM D1204
Moisture Vapour Transmission Resistance (MVTR):	depending on substrate*	
	10,000 mm	EN ISO 811
Water control:	pass (> 100 mm)	AS/NZS 4201.4
	water barrier	AS/NZS 4200.1
Surface water absorbency:	low (< 100 g/m <sup>2</sup> )	AS/NZS 4200.1; AS/NZS 4201.6
Air control:	≥ 0.1 MNs/m <sup>3</sup>	ISO 5636.5; BS 6538.3
	air barrier	AS/NZS 4200.1
Moisture shrinkage:	N/A (fully adhered membrane)	AS/NZS 4201.3

\*Performance characteristics will be modified by the rigid substrate



## ADHERO® Floor Drain

As part of the SOLITEX ADHERO® systems

**APPLICATION:** Drainage through structure during construction. Connect to a rigid or flexible down-pipe to remove rainwater. Remove after close-in.



### ADVANTAGES:

- ✓ Quick installation – simply drill through the building structure
- ✓ Dependable drainage: reliable run-off thanks to extra-flat flange, low fitting height
- ✓ Watertight sealing: transition between SOLITEX ADHERO® VISTO and floor drain can be sealed with TESCON EXTORA® adhesive tape

ID CODE	QTY
1AR03200	1

### TECHNICAL DATA:

Material:	PVC
Colour:	grey
Thickness:	3.5 mm
Height:	320 mm
Flange O/D:	300 mm
Pipe O/D:	63 mm



# SOLITEX EXTASANA®

## Wall Weather Resistive Barrier

**APPLICATION:** SOLITEX EXTASANA® wall underlay provides the best weather protection layer for external walls under all conditions. It protects the building from wind, driving rain, and other external sources of water while allowing any internal moisture to escape through the vapour permeable, non-porous TEEE\* layer.



### ADVANTAGES:

- ✓ Excellent UV resistance (180 days exposure)
- ✓ Highly vapour permeable (Class 4)
- ✓ Long-term durability
- ✓ Weathertight & airtight Weather Resistive Barrier (WRB)
- ✓ Next-generation non-porous monolithic technology
- ✓ Fire retardant

CodeMark»»  
CMNZ30032

BRANZ Appraised  
Appraisal No. 1163

Red List Free

Declare.

EPD verified

### SYSTEM PRODUCTS:

TESCON EXTORA®; TESCON EXTOSEAL®; ORCON® CLASSIC; KAFLEX; ROFLEX; CONTEGA® EXO

ID CODE	LENGTH	WIDTH	AREA (*)	KG/ROLL	QTY
1AR04701	50 m	1.50 m	75 m <sup>2</sup> (67.5 m <sup>2</sup> )	8.5	1
13323	36.5 m	2.74 m	100 m <sup>2</sup> (94.5 m <sup>2</sup> )	16	1

\* Effective Coverage

### TECHNICAL DATA:

Cover-fleece + protective-layer:	PP microfibre fleeces	
Membrane:	monolithic TEEE film	
Surface weight:	140 g/m <sup>2</sup> ± 5 g/m <sup>2</sup>	EN1489-2
Thickness:	0.60mm ± 0.05mm	EN1489-2
Edge tear:	MD / CD 251 N / 188 N	TAPPI T470
Tensile strength:	MD / CD 4.8 kN/m / 3.7 kN/m	AS 1301.448s-1991
Temperature resistance:	-40 °C to + 120 °C	
Moisture Vapour Transmission Resistance (MVTR):	0.459 MN.s/g	ASTM E96 Method B
Water control:	10,000 mm	EN ISO 811
Flammability index:	<5	AS 1530.2 / AS/NZS 4200.1
Air control:	air barrier	AS/NZS 4200.1-2017
UV stability and outdoor exposure:	180 Days	ASTM G154 / ASTM G155

\*Performance characteristics will be modified by the rigid substrate

## DELFAST GUN AND NAILS

### Delfast Cap Nailer and Roll Cap Nails

#### DELFAST PNEUMATIC ROLL CAP NAILER

The Delfast Roll Cap Nailer is designed for Early-Close-In and building wrap applications, delivering fast, consistent, and secure fastening for high-performance WRB installs. Rate of application: Up to 5 cap nails per second - Capacity: Holds 200 caps and 200 nails

#### DELFAST ROLL CAP NAILS

Electro-galvanised 15° wire collated (25 mm) nails with 25 mm washers. Recommended for securing SOLITEX EXTASANA® Weather Resistive Barrier (WRB). Compatible with Delfast Roll Cap Nailer - Nail length: 25mm - Wire size: 2mm - Caps per reel: 200 - Nails per coil: 200



NEW

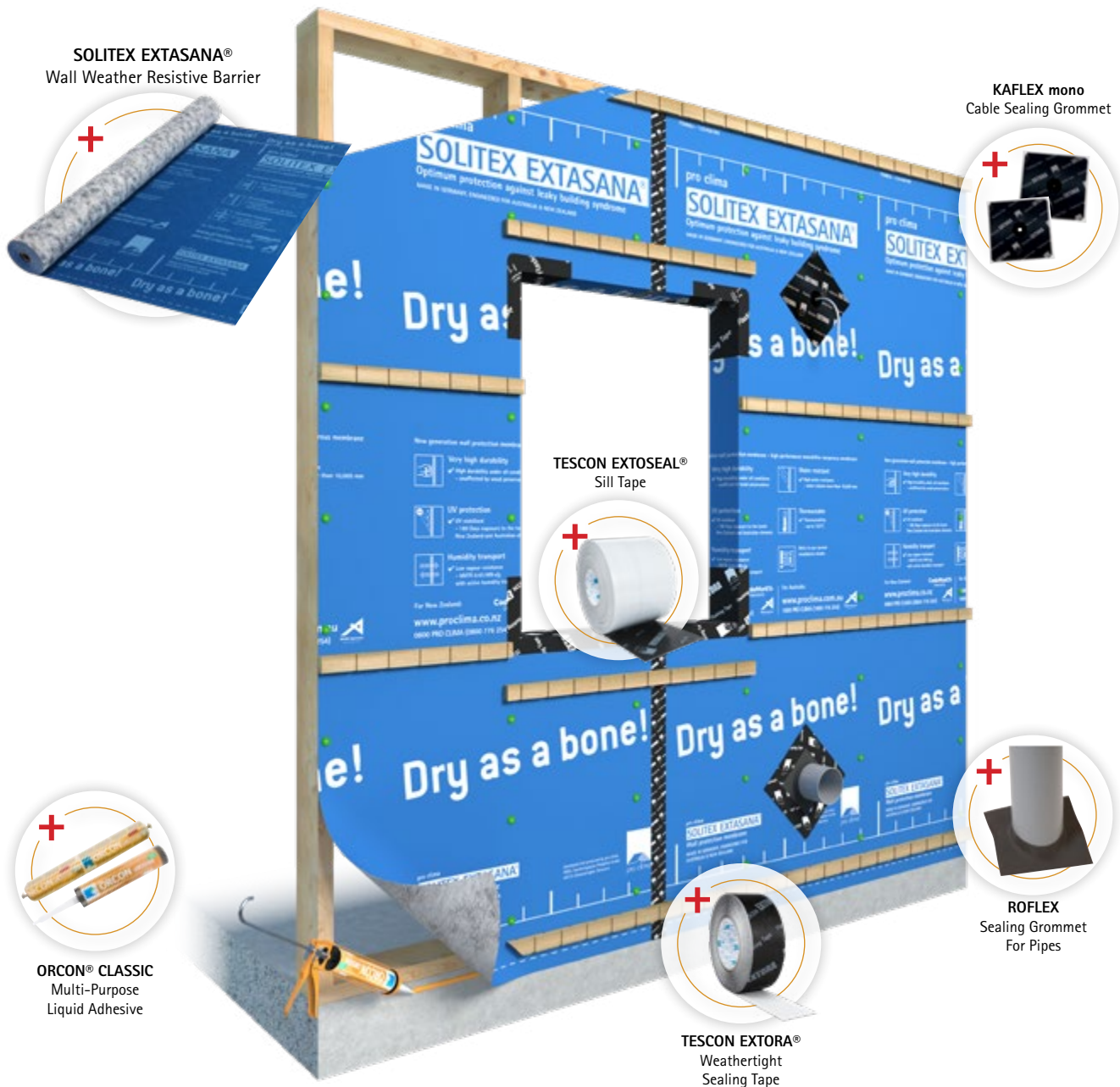


PRODUCT NAME	ID CODE	NAIL LENGTH	QTY
1AR04797	DELFAST Roll Cap Nailer		1
1AR05250	DELFAST E-galv 15° Wire Collated Nails	25 mm	2000

## SOLITEX EXTASANA® Early-Close-In System

Allows interior work to begin before cladding installation – safely maintaining construction speed

SOLITEX EXTASANA® is a UV-stabilised, tear-resistant wall underlay that protects the building from wind, driving rain while still allowing drying of the structure through its vapour-permeable, non-porous TEEE\* layer. Pro Clima's Early-Close-In system provides up to 180 days of weather protection.



### EARLY-CLOSE-IN SYSTEM ADVANTAGES:

- ✓ Outstanding durability against UV, wind and rain – up to 180 days of exposure.
- ✓ Seals the building envelope so interior work can begin before cladding installation.
- ✓ Can be used in NZS 3604 wind zones up to, and including, 'very high' without rigid sheathing.
- ✓ Can be use in NZ 3604 wind zones up to and including 'extra high' over rigid sheathing – RAB, SIP.
- ✓ Tear-resistant synthetic weather resistive barrier designed for long-term durability.
- ✓ Allows drying – highly vapour permeable (Class 4).
- ✓ Weathertight – non-porous membrane technology.
- ✓ Fire retardant.

SOLITEX EXTASANA® can be used as an Early-Close-In wall underlay on timber framed buildings in accordance with Codemark CMNZ30032



Early-Close-In with  
SOLITEX EXTASANA®  
[https://proclima.co.nz/  
products/early-close-  
in-with-extasana](https://proclima.co.nz/products/early-close-in-with-extasana)

# SOLITEX MENTO®

## Roof Weather Resistive Barrier

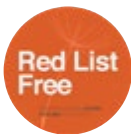
**APPLICATION:** SOLITEX MENTO® provides superior weather and condensation protection for your roof under all weather conditions. With type R4 classification (NZS 2295), it is suitable to be used in self-supported applications up to and including extra high wind zones. SOLITEX MENTO® protects your roof and building envelope from the elements during construction while allowing any internal moisture to escape through the vapour permeable, non-porous TEEE layer. SOLITEX MENTO® 3000 can be installed vertically down to 3 degrees when fully supported by corrosion resistant material.

### ADVANTAGES:

- ✓ Excellent UV resistance
- ✓ Highly vapour permeable
- ✓ Long-term durability and high strength
- ✓ Weathertight & airtight Weather Resistive Barrier (WRB)
- ✓ Helps protect a building from condensation
- ✓ Fire Retardant (FI <5 as per AS/NZS 1530.2)



11  
EN 13859-1



Declare.



BRANZ Appraised  
Appraisal No. 876



BRANZ Appraised  
Appraisal No. 855



PRODUCT	ID CODE	LENGTH	WIDTH	AREA(*)	KG/ROLL	QTY
SOLITEX MENTO® 1000	15048	50 m	1.50 m	75 m <sup>2</sup> (67.5 m <sup>2</sup> )	9	1
SOLITEX MENTO® 1000	1AR01359	50 m	3.00 m	150 m <sup>2</sup> (142.5 m <sup>2</sup> )	18	1
SOLITEX MENTO® 1000 connect	1AR01361	50 m	1.50 m	75 m <sup>2</sup> (67.5 m <sup>2</sup> )	9	1
SOLITEX MENTO® 1000 connect	1AR01357	50 m	3.00 m	150 m <sup>2</sup> (142.5 m <sup>2</sup> )	18	1
SOLITEX MENTO® 3000	13648	50 m	1.50 m	75 m <sup>2</sup> (67.5 m <sup>2</sup> )	11	1
SOLITEX MENTO® 3000	15390	50 m	3.00 m	150 m <sup>2</sup> (142.5 m <sup>2</sup> )	22	1
SOLITEX MENTO® 3000 connect	15391	50 m	1.50 m	75 m <sup>2</sup> (67.5 m <sup>2</sup> )	11	1
SOLITEX MENTO® 3000 connect	1AR00548	50 m	3.00 m	150 m <sup>2</sup> (142.5 m <sup>2</sup> )	22	1

\* Effective Coverage

### TECHNICAL DATA:

	MENTO 1000	MENTO 3000	
Cover-fleece + protective-layer:	PP microfibre fleeces	PP microfibre fleeces	
Membrane:	monolithic TEEE film	monolithic TEEE film	
Surface weight:	115 g/m <sup>2</sup> ± 5 g/m <sup>2</sup>	150 g/m <sup>2</sup> ± 5 g/m <sup>2</sup>	EN1489-2
Thickness:	0.4 mm ± 0.05 mm	0.45 mm ± 0.05 mm	EN1489-2
Edge tear:	MD/CD: 222 N / 174 N	263 N / 208 N	TAPPI T470
Tensile strength:	MD/CD: 4.8 kN/m / 3.6 kN/m	5.1 kN/m / 3.7 kN/m	ASTM D882
Temperature resistance:	-40 °C to + 100 °C	-40 °C to + 120 °C	
Moisture Vapour Transmission Resistance (MVTR):	0.398 MN.s/g	0.455 MN.s/g	ASTM E96 Method B
Water control:	10,000 mm	10,000 mm	EN ISO 811
Flammability index:	<5	<5	AS 1530.2
Air control:	air barrier	air barrier	AS/NZS 4200.1 - 2017
UV stability and outdoor exposure:	30 days	90 days	ASTM G154 / ASTM G155

#### SOLITEX MENTO® 1000

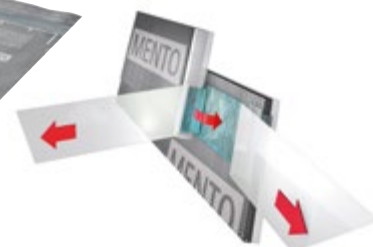
Three-layer roof underlay  
30 days exposure, light-weight,  
high wear-resistance, high  
resistance to driving rain,  
very high thermal stability.

#### SOLITEX MENTO® 3000

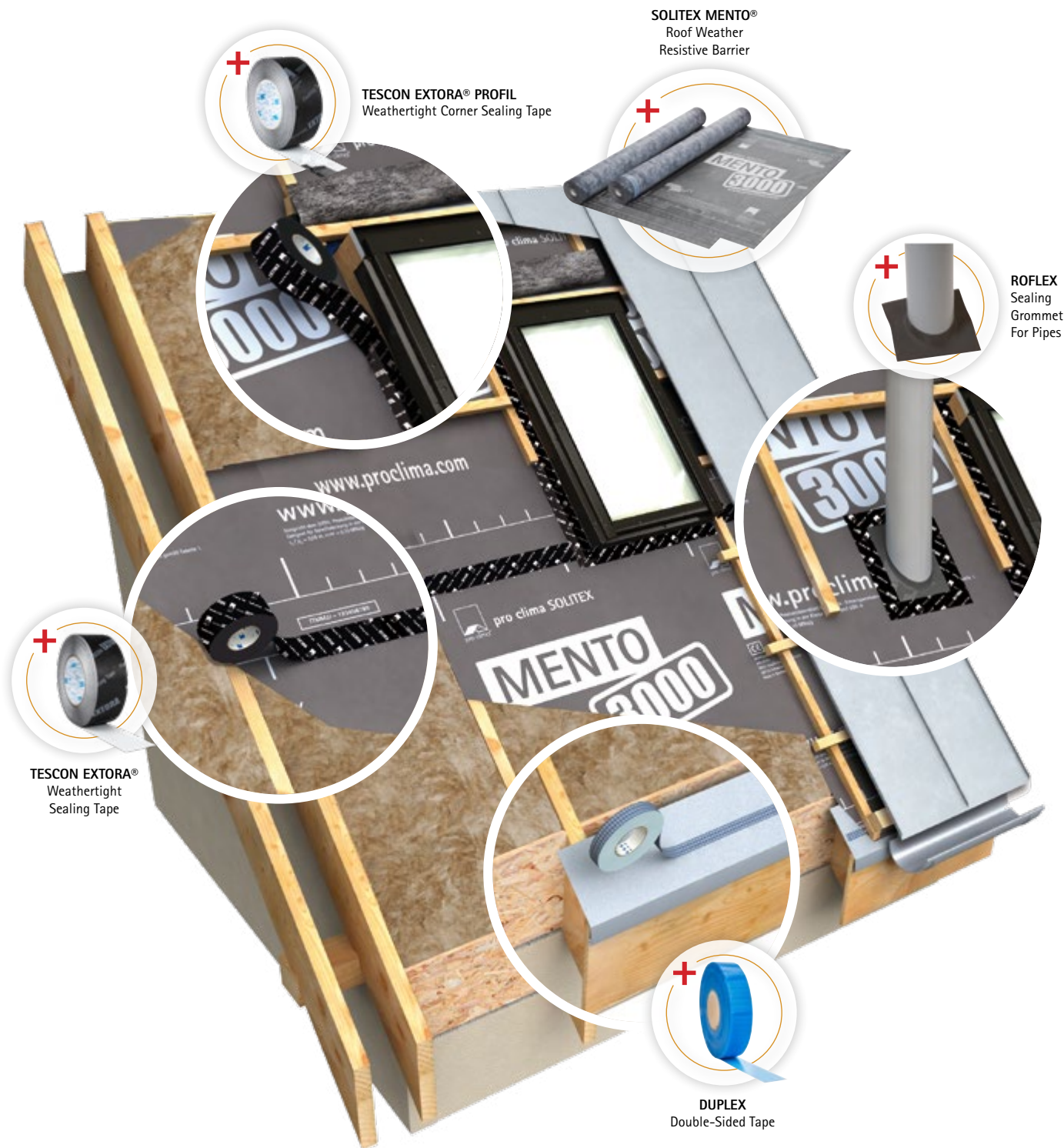
Three-layer roof underlay  
90 days exposure, medium  
weight, very high wear-  
resistance, high resistance  
to driving rain, very high  
thermal stability.



Available in connect technology  
with two integrated  
self-adhesive strips



# SOLITEX MENTO® System



## SOLITEX® UM

### Roof Weather Resistive Barrier with 3D Separation Layer and Self-Adhesive Strip

**APPLICATION:** SOLITEX® UM connect is a four-layered roofing underlay with a 3D separation layer and integrated self-adhesive strips for sheet joins. It is suitable for roofing such as titanium, zinc, stainless, galvanised steel and copper. It is also suitable as a weather-resistive barrier for internal retrofit with existing direct-fix cladding to ensure a gap is maintained between new insulation and the internal side of existing wall cladding.



#### ADVANTAGES:

- ✓ High-performance monolithic non-porous membrane
- ✓ 3D separation layer provides a drainage plane between the underlay and roofing or cladding
- ✓ **connect** technology with two integrated self-adhesive strips
- ✓ High water resistance
- ✓ Low vapour resistance
- ✓ UV resistance up to 30 days



#### SYSTEM PRODUCTS:

TESCON EXTORA®; DUPLEX; ORCON® CLASSIC; KAFLEX; ROFLEX; TESCON® NAIDECK

ID CODE	LENGTH	WIDTH	AREA (*)	KG/ROLL	QTY
13598	25 m	1.50 m	37.5 m <sup>2</sup> (33.75 m <sup>2</sup> )	15	1

\* Effective Coverage

#### TECHNICAL DATA:

Cover-fleece + protective-layer:	PP microfibre fleeces	
Separation mesh	polypropylene	
Self-adhesive strips	butyl rubber	
Membrane:	monolithic TEEE film	
Thickness:	8.0 ±0.5 mm	EN 1849-2
Moisture Vapour Transmission Resistance (MVTR):	0.398 MN·s/g	ASTM E96 Procedure B
Surface weight:	450 ±10 g/m <sup>2</sup>	EN 1849-2
Temperature resistance:	-40 °C to +100 °C	EN 1109, EN 1296, EN 1297
Tensile strength MD/CD:	285 ±15 N/5 cm / ±15 N/5 cm	ASTM D882
Resistance to UV exposure:	30 days	ASTM G154 / ASTM G155
Absorbency:	> 150 g/m <sup>2</sup>	AS/NZS 4201.6
Water column:	10 000 mm	EN ISO 811





## 8mm SEPARATION MESH

### 3D Separation Mesh

**APPLICATION:** 8mm SEPARATION MESH is a 3D polypropylene mesh layer suitable for ventilated and unventilated structures. It can be used in combination with all SOLITEX® roof and wall underlays and with any type of tray/standing seam roofing or façade material, such as titanium zinc, aluminium, stainless steel, galvanised steel, copper, etc. It is commonly used in wall insulation retrofit projects fitted from the inside to maintain a separation between cladding and new wall underlay.



#### ADVANTAGES:

- ✓ 8mm separation layer provides increased acoustic insulation and ventilation between underlay and cladding
- ✓ Provides a ventilation and drainage path between the underlay cladding
- ✓ High thermal stability
- ✓ Can be exposed to UV for 90 days
- ✓ Easy to cut into segments, or remove sections of it when fixing roofing clips



ID CODE	LENGTH	WIDTH	AREA (*)	KG/ROLL	QTY
1AR01832	30 m	1.4 m	42 m <sup>2</sup> (42 m <sup>2</sup> )	12.8	1

\* Effective Coverage

#### TECHNICAL DATA:

Material:	Polypropylene 3D separation layer
Thickness:	8 mm
Reaction to fire:	E
Exposure time:	90 days
Temperature resistance:	-20 °C to +80 °C

# Tapes, Adhesives, Sealants, Grommets & Accessories for Weathertightness Systems



## TESCON EXTORA®

### Weathertight Multi-Purpose Sealing Tape

**APPLICATION:** TESCON EXTORA® weathertight sealing tape can be used with all Weather Resistive Barrier (WRB) systems. It is compatible with membranes, underlays, rigid sheathings, rigid wall underlays and rigid air barriers. TESCON EXTORA® is weathertight and vapour permeable. It is flexible, easy to cut, and has a simple-to-remove release paper, ensuring maximum productivity during installation. TESCON EXTORA® provides a wind tight and watertight adhesive seal to the substrate, forming weathertight connections under all conditions.



#### ADVANTAGES:

- ✓ Waterproof, weathertight sealing tape
- ✓ Fast application
- ✓ Suitable for NZ climate conditions
- ✓ Thin and flexible
- ✓ Excellent UV resistance (180 days exposure)
- ✓ Can be applied to cold and damp surfaces

ID CODE	LENGTH	WIDTH	QTY
13206	30 m	60 mm	1
13486	30 m	60 mm	20 <span style="background-color: #f9a825; padding: 2px;">big pack*</span>
13280	30 m	100 mm	1
14891	30 m	150 mm	1
14892	30 m	200 mm	1

\*big pack product only sold per unit.

#### TECHNICAL DATA:

Carrier material:	special fleece based on PP
Adhesive:	solid acrylic adhesive
Release material:	siliconised paper
Temperature resistance:	-40 °C to +90 °C
Installation temperature:	above -10 °C
UV stability and outdoor exposure:	180 days
Colour:	black
Thickness:	0.50 +- 0.05 mm
Storage:	cool and dry



## TESCON EXTORA® PROFIL

### Weathertight Corner Sealing Tape

**APPLICATION:** TESCON EXTORA® PROFIL offers all the benefits of TESCON EXTORA®, with an added split backing for ease of installation. It is a valuable component of Weather Resistive Barrier (WRB) systems requiring connections into corners of window and door installations or complicated junctions. It is compatible with all window materials: aluminium, timber, uPVC and fibreglass. TESCON EXTORA® PROFIL is weathertight and vapour permeable, compatible with all pro clima membranes and underlays, as well as rigid sheathings, rigid wall underlays and rigid air barriers.. It is flexible, easy to cut, and has a 12|23|25 mm split backing release paper, ensuring maximum productivity when things get complicated. It can also be used internally as a substitute for PEF rod and foam, or PEF rod and Wetseal. Tested to NZS4284:2008 achieving in excess of 4.85 kPa.



#### ADVANTAGES:

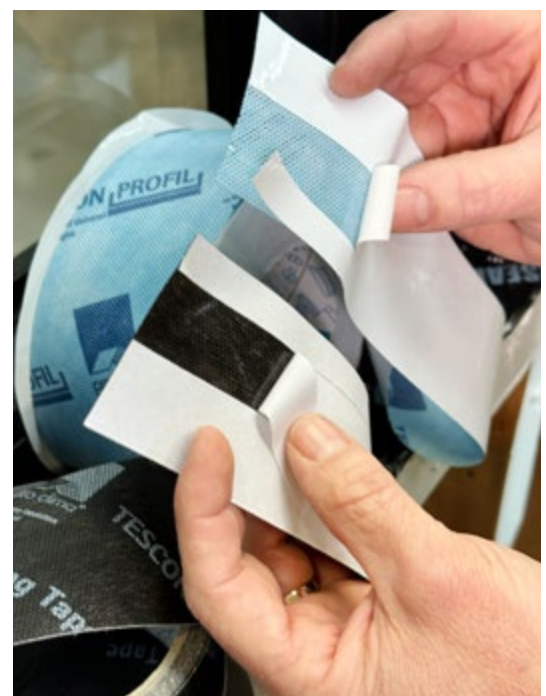
- ✓ Excellent UV resistance (180 days exposure)
- ✓ Long-term durability
- ✓ Highly vapour permeable
- ✓ Weathertight and airtight connections for windows and doors
- ✓ Outstanding adhesion on cold and/or wet surfaces



ID CODE	LENGTH	WIDTH	QTY
15050	30 m	60 mm	1

#### TECHNICAL DATA:

Carrier material:	special fleece based on PP
Adhesive:	solid acrylic adhesive
Release material:	triple-split silicone-coated paper
Temperature resistance:	-40 °C to +90 °C
Installation temperature:	above -10 °C
Colour:	black
Storage:	cool and dry
Thickness:	0.50 +-0.05 mm
UV stability and outdoor exposure:	180 days



# TESCON EXTOSEAL®

## Sill Tape

**APPLICATION:** TESCON EXTOSEAL® sill tape is a flexible flashing tape for use around framed joinery openings as part of flexible or rigid Weather Resistive Barrier (WRB) systems. TESCON EXTOSEAL® provides a windtight and watertight adhesive seal to the substrate forming a weathertight sill to drain water safely to the outside.



### ADVANTAGES:

- ✓ Excellent UV resistance (180 days exposure)
- ✓ Long-term durability
- ✓ Self-sealing around nail and screw penetrations
- ✓ Excellent adhesive strength
- ✓ Weathertight & airtight component of your WRB system
- ✓ Stretches around corners without the need for cutting
- ✓ No plastic corners pieces required – less build up

ID CODE	LENGTH	WIDTH	QTY	WEIGHT
14152	20 m	150 mm	1	4.98 kg
14156	20 m	200 mm	1	6.81 kg
1AR04418	20 m	300 mm	1	10.5 kg

### TECHNICAL DATA:

Backing:	elastic PE carrier film
Main component:	butyl rubber modified with acrylate
Release film:	silicone-coated PE film: 97 / 53 (150 mm) 147 / 53 (200 mm) 50 / 200 / 50 (300 mm)
Temperature resistance:	-20 °C to +80 °C
Installation temperature:	-10 °C to +35 °C
Surface weight:	approx. 1.9 kg/m <sup>2</sup>
Thickness:	approx. 1.1 mm
Vapour resistance (MVTR):	> 500 MN.s/g
Colour:	black
Storage:	cool and dry
UV stability and outdoor exposure:	180 days



## TESCON® NAIDECK

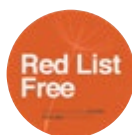
### Double-Sided Self-Sealing Strip

**APPLICATION:** TESCON NAIDECK is a butyl rubber self-sealing tape with double-sided glue. It's designed to seal penetrations through Weather-Resistive Barriers when fixing purlins, roofing counter-battens, brick ties, cladding clips. TESCON NAIDECK is compatible with the SOLITEX MENTO, SOLITEX EXTASANA and SOLITEX ADHERO membranes, including ADHERO, rigid wall underlays or rigid air barriers. TESCON® NAIDECK can also be used in façade applications behind purlins, façade clips, and mounts to ensure the ultimate windtight and watertight WRB at high wind pressures. It is easy to cut, and has a simple-to-remove release paper, ensuring maximum productivity during installation.



#### ADVANTAGES:

- ✓ Ultimate water resistance on low slope roofs
- ✓ Weathertight penetrations in WRB layers
- ✓ Self-sealing around nail and screw penetrations
- ✓ Reinforced for extra strength
- ✓ Double-sided adhesion for ease of install



ID CODE	LENGTH	WIDTH	QTY	WEIGHT
13599	20 m	50 mm	1	1.35 kg
1AR02150	20 m	50 mm	24 <b>big pack*</b>	33 kg

\*big pack product only sold per unit.

#### TECHNICAL DATA:

Carrier material:	butyl rubber
Adhesive:	solid acrylic adhesive
Release material:	siliconised paper
Temperature resistance:	-40 °C to +80 °C
Installation temperature:	+5 °C to +35 °C
Thickness:	1 mm
Colour:	black
Storage:	cool and dry
UV stability and outdoor exposure:	6 months, installed under the counter battens



## TFLEX

### Façade Control Joint Material

**APPLICATION:** Sealing strip made from strong and highly flexible Thermoplastic Polyurethane. Ideally suited for control joints and seismic movement joints in façade inter-floor transitions. With high UV stability, it is ideal for use with the SOLITEX EXTASANA ADHERO® façade systems and other Rigid Air Barrier systems and can be used outdoors with up to 180 days exposure time prior to being covered, tested to +/- 75 mm ULS using NZS4284.



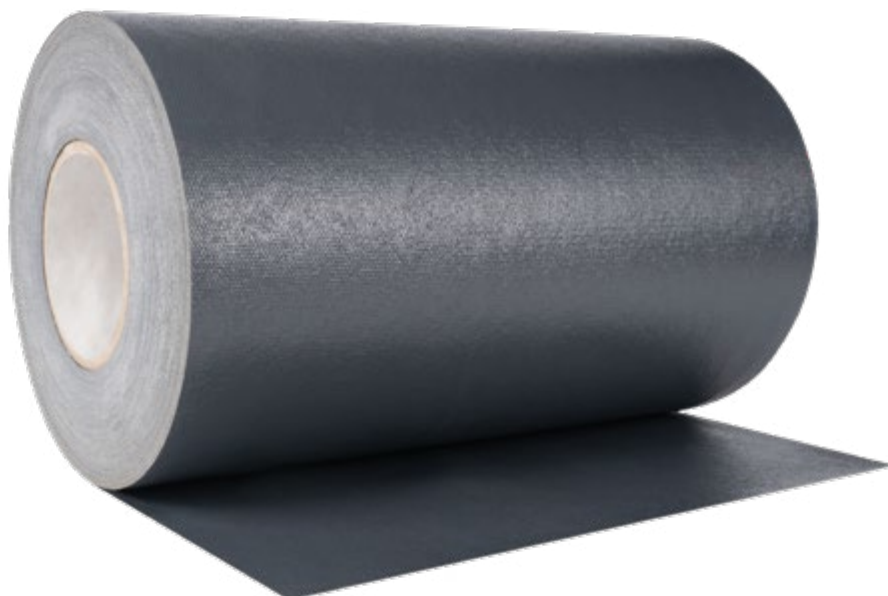
#### ADVANTAGES:

- ✓ Water tightness with simultaneous vapour permeability
- ✓ Fire retardant
- ✓ Light weight for easy handling
- ✓ High-quality Thermoplastic Polyurethane, extremely flexible and elastic
- ✓ 180 days UV exposure
- ✓ Installed flat, no build up within the cavity and easy to seal laps
- ✓ Fixed in place with DUPLEX and TESCON EXTORA tapes, no waiting for mastic adhesive to cure
- ✓ Compatible with most tapes and sealants

ID CODE	LENGTH	WIDTH	QTY
1AR04965	30 m	125 mm	1
1AR04966	30 m	250 mm	1

#### TECHNICAL DATA:

Material composition:		3-layer composite of elastic non-woven TPU
Surface weight:		280 g/m <sup>2</sup> ± 10%
Thickness :		475 µm
Nail tear-resistance	MD / LD	300% / 300%
Tensile strength:	MD / LD	3.0 / 3.0 kN/m
Temperature resistance:		-40 °C to + 100 °C
Moisture Vapour Transmission Resistance (MVTR):		< 7 MN-s/g
Water control:		> 10 000 mm
Flammability index:		<5
Flammability:		fire retardant
UV stability and outdoor exposure:		180 days
Storage:		cool and dry



## ORCON® CLASSIC

### Multi-Purpose Liquid Adhesive

**APPLICATION:** ORCON® CLASSIC is a durable, airtight, solvent-free sealing glue suitable for bonding all pro clima products to any building material; smooth or rough, masonry or timber. It is fast drying and performs even in extreme humidity or damp conditions.



#### ADVANTAGES:

- ✓ Provides a firm and durable elastic attachment
- ✓ Suitable for bonding of all pro clima membranes
- ✓ Airtight connection for the life of the building
- ✓ Excellent results in the hazardous substances test (ISO 16000)
- ✓ Cartridges are made from 100% post-consumer recycled materials



ID CODE	PACKAGING	VOLUME	EFFICIENCY/RANGE	QTY
12769	cartridge	310 ml	bead 5 mm ~ 15 m bead 8 mm ~ 6 m	1
12770	sausage	600 ml	bead 5 mm ~ 30 m bead 8 mm ~ 12 m	1

#### TECHNICAL DATA:

Sealant:	dispersion based on acrylic acid copolymers. Free from plasticisers, halogens
Cartridge:	PCR (recycled)
Colour:	light brown
Elasticity:	high elasticity
Material:	non-ageing acrylate polymers without softeners or halogenated compounds
Application temperature:	-10 °C to +50 °C (adhesive temp. >0 °C)
Temperature resistance:	-40 °C to 80 °C
Storage:	down to -20 °C, cool and dry



## CONTEGA® EXO

### Exterior Joinery Connection Strip

**APPLICATION:** CONTEGA® EXO is designed for use as a weathertight connection around the exterior edge of windows and doors. It is a non-wicking, non-porous, flexible tape that is versatile for use in timber, masonry and concrete structures. CONTEGA® EXO has adaptable installation options, provided by three strips of adhesive, and can also be plastered or rendered over on the fleece side. It is vapour-permeable, ensuring your structure remains dry and durable.



#### ADVANTAGES:

- ✓ Effective weathertight seal around windows and doors
- ✓ Outstanding adhesion on cold and/or wet surfaces
- ✓ Flexible to accommodate building movement
- ✓ Thin, highly pliable and easily formed around corners
- ✓ Weathertight connection for the life of the building

ID CODE	LENGTH	WIDTH	QTY	WEIGHT
15844	30 m	85 mm	1	0.5 kg
1AR01266	30 m	120 mm	1	0.6 kg



#### TECHNICAL DATA:

Carrier material:	double-layer PP fleece and TEEE functional film
Release material:	silicone-coated PE film
Temperature resistance:	-40 °C to 90 °C
Adhesive:	special acrylate adhesive
Installation temperature:	above -10 °C
Colour:	dark grey
Water column:	EN 20811 > 2,500 mm
Exposure time:	90 days
Storage:	cool and dry
Can be plastered over:	yes



## CONTEGA® SOLIDO EXO-D

### Exterior Joinery Connection Strip with Full Adhesive Backing

**APPLICATION:** CONTEGA® SOLIDO EXO-D is for exterior windtight joints that are resistant to driving rain between membranes or wood-based panels and windows, doors and mineral surfaces. The adhesive zone on the fleece side allows for easier adhesion to windows and doors if applied before they are installed. The taped joint is immediately windproof and can be subjected to loading. The fleece can simply be plastered over in accordance with the installation instructions.



#### ADVANTAGES:

- ✓ Saves time: the joint is immediately resistant to driving rain and can be subjected to loading
- ✓ Easy to work with thanks to the additional adhesive zone on the fleece side
- ✓ Can be plastered over directly: defined transition between window and/or wind sealing and plasterwork
- ✓ Reliable joints: water-resistant SOLID adhesive has extremely strong adhesion on mineral substrates too
- ✓ Independently confirmed suitability: tests in accordance with MO-01/1 passed at IFT in Rosenheim, Germany



ID CODE	LENGTH	WIDTH	SPLITS ON RELEASE FILM	QTY
16135	30 m	80 mm	20   60 mm	1

#### TECHNICAL DATA:

Backing:	PP backing fleece, PP copolymer special film		
Adhesive:	modified water-resistant SOLID adhesive		
Release film:	single/double-split silicone-coated PE sheet		
Colour:	black		
Vapour resistance (MVTR):	3.5 MN-s/g		EN 1931
UV stability and outdoor exposure:	3 months		
Resistance to driving rain:	up to 600 Pa, around window		ift, MO-01/1:2007-01, Abs. 5
Water column:	> 2 500 mm		EN ISO 811
Can be plastered over:	yes		
Application temperature:	above -10 °C		
Temperature resistance:	-40 °C to +90 °C		
Storage:	cool and dry		



## COMPEGO

### Multi-Purpose, Highly Flexible Vapour Barrier Tape

**APPLICATION:** Flexible elastic tape with high adhesion strength. Used to permanently seal overlaps, joints and connections for vapour-closed products. Use cases: taping XPS Foam insulation boards, Polyethylene sheet (underslab DPM), Foil-faced vapour-tight insulation boards, steel-skinned SIP panels.



#### ADVANTAGES:

- ✓ 90 days of outdoor exposure
- ✓ For airtight sealing
- ✓ Water-resistant adhesive
- ✓ Lowest VOC rating in hazardous substance test. Tested according to ISO 16000

ID CODE	LENGTH	WIDTH	QTY
15357	25 m	60 mm	10 <b>big pack*</b>
15385	25 m	100 mm	1
15386	25 m	150 mm	1



#### TECHNICAL DATA:

Backing:	elastic PE film
Adhesive:	acrylic adhesive
Release film:	siliconised paper
Colour:	white / blue
Exposure time:	90 days
Application temperature:	above -10 °C
Temperature resistance:	-40 °C to +90 °C
Storage:	cool and dry



## DUPLEX

### Double-Sided Tape

**APPLICATION:** DUPLEX is an all-purpose double-sided tape, ideal for permanently bonding and sealing overlaps and end laps of Intelligent Air Barrier (IAB) membranes. It is also suitable for temporarily fixing SOLITEX EXTASANA® and SOLITEX MENTO® WRB membranes to steel structures before mechanical fastening. It is flexible, easy to cut, and has a simple-to-remove release paper, ensuring maximum productivity during installation. DUPLEX is reinforced with a mesh for extra durability, allowing it to remain thin, avoiding thick layered material build-ups while providing easy application.



### ADVANTAGES:

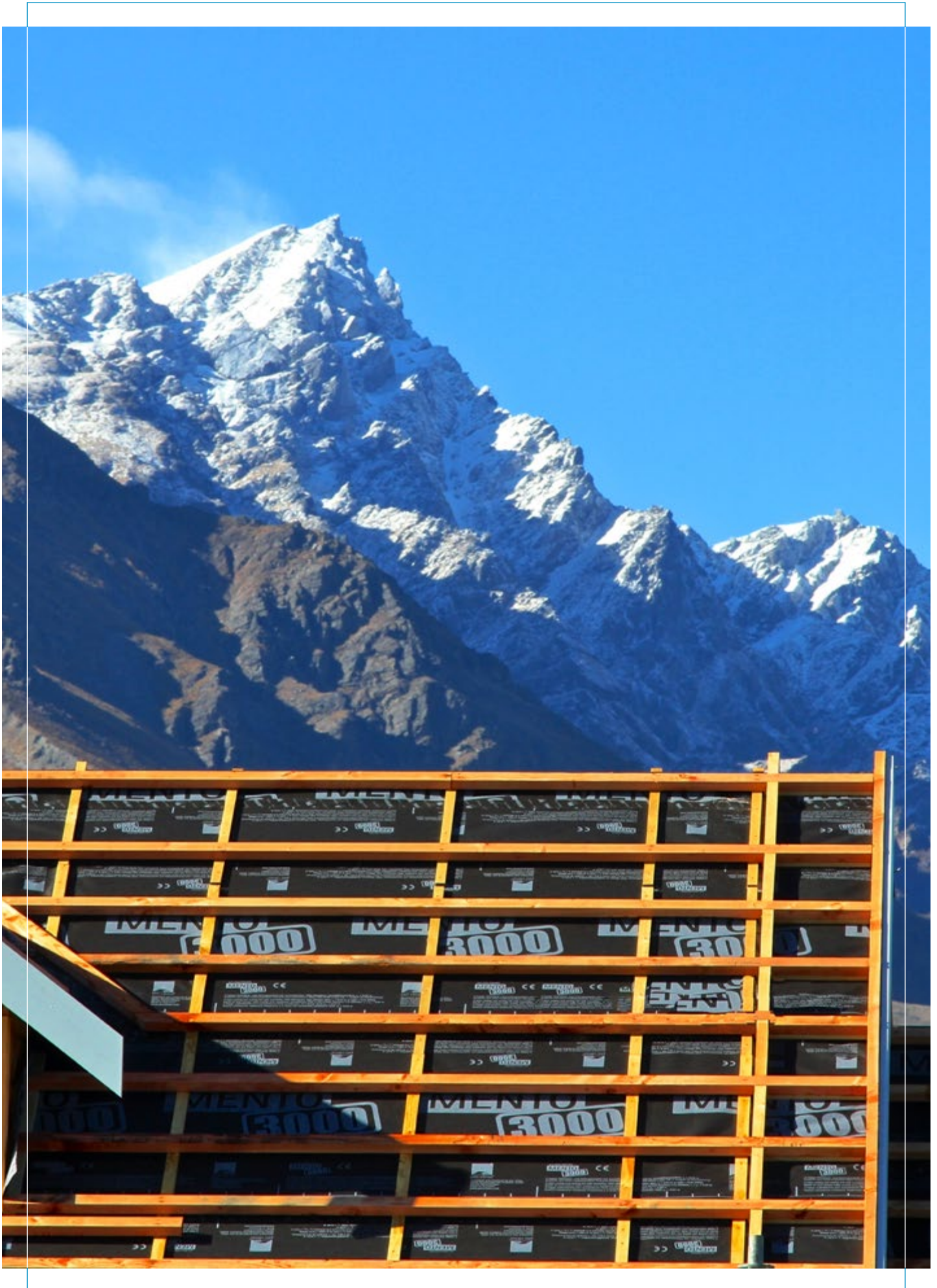
- ✓ Strong adhesion for maximum holding strength
- ✓ Double-sided for bonding and sealing layers
- ✓ Thin and flexible for easy application
- ✓ Can be applied to cold surfaces
- ✓ Reinforced for extra durability

ID CODE	LENGTH	WIDTH	QTY
1AR03913	80 m	25 mm	1

### TECHNICAL DATA:

Adhesive	special acrylate adhesive
Release film:	silicone-coated PE film
Reinforcement:	plastic
Colour:	transparent
Application temperature:	above -10 °C
Temperature resistance:	from -40 °C to +90 °C
Storage:	cool and dry
UV stability and outdoor exposure:	indoor and outdoor use without direct UV exposure





## TESCON® PRIMER RP

### Solvent-Free Primer

**APPLICATION:** TESCON® PRIMER RP is applied to porous substrates to prepare the surface for optimum adhesion of TESCON® VANA, TESCON® PROFIL, TESCON EXTORA®, TESCON EXTORA® PROFIL & TESCON EXTOSEAL®. Use TESCON® PRIMER RP to prime substrates such as timber flooring, concrete, masonry, fibre cement, plywood, oriented strand board (OSB), and other porous or friable surfaces prior to application of pro clima tapes.



#### ADVANTAGES:

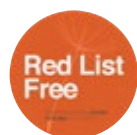
- ✓ Adhesion promoter
- ✓ No drying required prior to application of tapes
- ✓ Deep penetration into the substrate
- ✓ Application on damp surfaces is possible
- ✓ Solvent free
- ✓ Can be applied with a paint brush or roller



Declare.

ID CODE	CONTENTS	COVERAGE	QTY
11449	1000 ml	~ 4.5 m <sup>2</sup>	1

*The quantity used may vary depending on the substrate and application method.*



#### TECHNICAL DATA:

Carrier material:	acrylic copolymer, solvent-free
Colour:	white
Temperature resistance:	-40 °C to +90 °C
Installation temperature:	-10 °C to +45 °C
Storage:	cool and dry
Coverage:	approx. 4.5 m <sup>2</sup> /l



## ROFLEX 20

### Self-Adhesive Sealing Grommet for 1 Pipe or Conduit, Ø 15 – 30 mm

**APPLICATION:** ROFLEX 20 is a sealing grommet ideally suited for quick and permanent airtight sealing of penetrations of conduit and pipes. It is made of strong and flexible EPDM and can be used inside to seal penetrations through the airtightness layer as well as outside for penetrations in the roof and wall underlays. Conduits and pipes can be pulled and pushed without damaging the airtightness layer.



#### ADVANTAGES:

- ✓ Airtight & watertight for the life of the building
- ✓ High-quality EPDM, extremely flexible and elastic
- ✓ Excellent UV exposure – up to 180 days

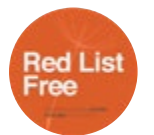
ID CODE	LENGTH	WIDTH	QTY
13605	145 mm	145 mm	5
13606	145 mm	145 mm	30 <b>big pack*</b>
15912	145 mm	145 mm	100 <b>jumbo pack*</b>

\*big pack product only sold per unit.

\*jumbo pack product only sold per unit.

#### TECHNICAL DATA:

Main component:	Ø 15–30 mm: TESCON EXTORA® with EPDM
Main component:	Ø ≥ 30 mm: EPDM
Temperature resistance:	long term -40 °C to +150 °C (EPDM) long term -40 °C to +90 °C (TESCON EXTORA®)
Colour:	black
Pipe diameter:	Ø 30 mm – 320 mm
Storage:	cool and dry
UV stability and outdoor exposure:	180 days



## ROFLEX 20 multi

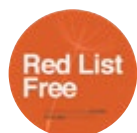
### Sealing Grommet for up to 9 Pipes or Cables, Ø 15 – 30 mm

**APPLICATION:** ROFLEX 20 multi is a sealing grommet ideally suited for quick and permanent airtight sealing of up to 9 penetrations of cables and pipes. Supplied with a hole punch. It is made of strong and flexible EPDM and can be used inside to seal penetrations through the airtightness layer, as well as outside for penetrations in the roof and wall underlays. Conduits and pipes can be pulled and pushed without damaging the airtightness layer.



#### ADVANTAGES:

- ✓ Suitable for up to 9 penetrations in the airtightness layer, façades and roof underlays
- ✓ Airtight & watertight for the life of the building
- ✓ High-quality EPDM, extremely flexible and elastic
- ✓ Supplied with TESCON EXTORA® weathertight sealing tape for external and internal installation



ID CODE	LENGTH	WIDTH	QTY
12936	200 m	200 mm	2

Tape included

#### TECHNICAL DATA:

Material:	EPDM
Temperature resistance:	-40 °C to +150 °C (EPDM) -40 °C to +90 °C (TESCON EXTORA®)
Installation temperature:	above -10 °C
Storage:	cool and dry
UV stability and outdoor exposure:	180 days



## ROFLEX 30/50/100/150/200/250/300

### Sealing Grommets for Pipes

**APPLICATION:** Sealing grommets are suited for quick and permanent airtight sealing of pipes' penetrations. They are made of strong and flexible EPDM and can be used inside to seal penetrations through the airtightness layer and outside for penetrations in the roof and wall underlays. Pipes can be pulled and pushed without damaging the airtightness layer.



#### ADVANTAGES:

- ✓ Airtight & weathertight for the life of the building
- ✓ Ideal for sealing pipe penetrations
- ✓ High-quality EPDM, extremely flexible and elastic
- ✓ Supplied with TESCON EXTORA® weathertight sealing tape for external and internal installation

PRODUCT	ID CODE	LENGTH	WIDTH	FOR DIAMETER	QTY	
ROFLEX 30	16704	140 mm	140 mm	Ø 30-50 mm	2**	
ROFLEX 30	16695	140 mm	140 mm	Ø 30-50 mm	20	big pack*
ROFLEX 30	1AR00149	140 mm	140 mm	Ø 30-50 mm	100	jumbo pack*
ROFLEX 50	13608	140 mm	140 mm	Ø 50-90 mm	2**	
ROFLEX 50	13609	140 mm	140 mm	Ø 50-90 mm	20	big pack*
ROFLEX 50	11362	140 mm	140 mm	Ø 50-90 mm	100	jumbo pack*
ROFLEX 100	13610	200 mm	200 mm	Ø 100-120 mm	2**	
ROFLEX 100	1AR02184	200 mm	200 mm	Ø 100-120 mm	10	big pack*
ROFLEX 100	13613	200 mm	200 mm	Ø 100-120 mm	20	big pack*
ROFLEX 100	11083	200 mm	200 mm	Ø 100-120 mm	100	jumbo pack*
ROFLEX 150	13614	250 mm	250 mm	Ø 120-170 mm	2**	
ROFLEX 150	1AR02201	250 mm	250 mm	Ø 120-170 mm	10	big pack*
ROFLEX 150	15908	250 mm	250 mm	Ø 120-170 mm	100	jumbo pack*
ROFLEX 200	13615	300 mm	300 mm	Ø 170-220 mm	2**	
ROFLEX 200	1AR02202	300 mm	300 mm	Ø 170-220 mm	10	big pack*
ROFLEX 200	13616	300 mm	300 mm	Ø 170-220 mm	20	big pack*
ROFLEX 250	13617	450 mm	450 mm	Ø 220-270 mm	2**	
ROFLEX 300	13618	500 mm	500 mm	Ø 270-320 mm	2**	

\*\* tape included

\*big pack product only sold per unit, tape not included.

\*jumbo pack product only sold per unit, tape not included.

#### TECHNICAL DATA:

Material:	EPDM
Temperature resistance:	-40 °C to +150 °C (EPDM) -40 °C to +90 °C (TESCON EXTORA®)
Installation temperature:	above -10 °C
Storage:	cool and dry
UV stability and outdoor exposure:	180 days



## KAFLEX mono

### Self-Adhesive Cable Sealing Grommet for 1 Cable, Ø 5 - 12 mm

**APPLICATION:** An airtight and weathertight sealing grommet made of strong, flexible EPDM with an integrated adhesive flange. KAFLEX is a beneficial component of all air barrier and weather resistive barrier systems. It is compatible with membranes, underlays, as well as rigid sheathings, rigid wall underlays, and rigid air barriers. Strong, flexible, UV stable for up to 180 days. Simple-to-remove release paper ensures maximum productivity during installation.

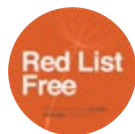


#### ADVANTAGES:

- ✓ Airtight & watertight for the life of the building
- ✓ High quality EPDM, extremely flexible and elastic
- ✓ Excellent UV exposure – up to 180 days
- ✓ Long-term durability
- ✓ Supplied with TESCON EXTORA® weathertight sealing tape for external and internal installation



ID CODE	LENGTH	WIDTH	QTY
13628	145 mm	145 mm	5
1AR00797	145 mm	145 mm	100 <b>jumbo pack*</b>



#### TECHNICAL DATA:

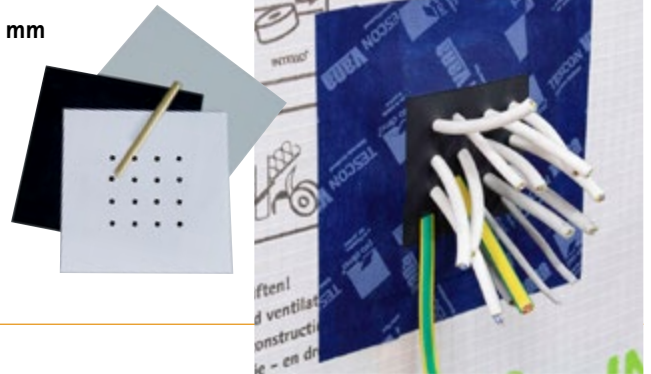
Main component:	TESCON EXTORA® with EPDM
Colour:	black
Cable diameter:	Ø 5 mm - 12 mm
Can be plastered over:	yes
Application temperature:	above -10 °C
Temperature resistance:	-40 °C to +150 °C
Storage:	cool and dry



## KAFLEX multi

### Cable Sealing Grommet for up to 16 Cables, Ø 4.8 – 12 mm

**APPLICATION:** KAFLEX multi is an airtight and weathertight EPDM grommet designed to seal up to 16 cable penetrations in façade and roof linings. Flexible and UV stable for up to 180 days, KAFLEX is integral to all air- and weather-resistant barrier systems. It is compatible with membranes, underlays, rigid sheathings, rigid wall underlays, and rigid air barriers.



#### ADVANTAGES:

- ✓ Suitable for up to 16 penetrations in façades and roof linings
- ✓ Airtight & weathertight for the life of the building
- ✓ High-quality EPDM, extremely flexible and elastic
- ✓ Supplied with TESCON EXTORA® weathertight sealing tape for external and internal installation
- ✓ Long-term durability

ID CODE	LENGTH	WIDTH	QTY
1AR05056	140 mm	140 mm	2
1AR02181	140 mm	140 mm	10 <b>big pack*</b>

#### TECHNICAL DATA:

Material:	EPDM
Colour:	blue
Temperature resistance:	-40 °C to +150 °C (EPDM) -40 °C to +90 °C (TESCON EXTORA®)
Installation temperature:	over -10 °C
Storage:	cool and dry
UV stability and outdoor exposure:	180 days

Internal use only.





## Building Science

Building science begins with the basics of thermodynamics, focusing on the flow of heat, air, and moisture through buildings. It also covers essential topics like acoustic transmission, fire resilience, indoor air quality, natural light, and ventilation. Pro Clima NZ Ltd offers courses tailored to various levels of expertise. Whether you are a builder seeking to enhance your practical knowledge of weathertightness and airtightness, or an experienced designer exploring intelligent air barriers, we are here to help you understand this vital field of applied science.



## Certified Installer Training

The Pro Clima NZ Certified Installer training course provides in-depth hands-on instruction in installing advanced airtightness and weather protection systems, equipping participants with the expertise to achieve certification and earn CPD points. Check the Pro Clima website for the next course date.



## WUFI® Hygrothermal Modelling

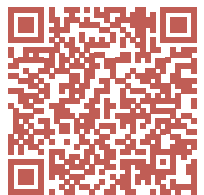
Learn about building performance analysis. Gain essential skills in WUFI® hygrothermal modelling with a course tailored for New Zealand and Australia's typical construction and climate conditions. Book now.



## Essentials of Building Performance

Essentials of Building Performance is a practical course for architects, designers, builders and apprentices.

Our technical team shares unbiased best practices for designing, specifying, and building energy-efficient, healthy homes that stand the test of time.



## Building Envelope workshops

3-hour workshop combining essential theory with practical, real-world application. Your crew will work directly with Pro Clima systems and installation techniques, gaining experience that can be immediately applied on-site or on the drawing board. Training takes place in our Pro Clima HUB in Auckland.



**Download your copy of the New Zealand based Study on airtightness and moisture management.**



## Blower Door Airtightness Testing

A Blower Door test measures a building's airtightness. This is a key element of energy efficiency in construction for almost every building. We offer demonstrations at your site as part of regular presentations, and specific training courses for operators of blower doors. To find out more, contact your nearest Pro Clima sales person.

### TECHNICAL DATA:

Frame dimensions:	width 0.71 – 1.14 m length 1.32 – 2.43 m
Power source:	230 V / 50 Hz
Maximum airflow volume:	up to 7,200 m <sup>3</sup> /h
Features:	with aluminium frame, DG-1000 digital pressure and flow gauge and software TECTITE Express
Warranty:	1 year

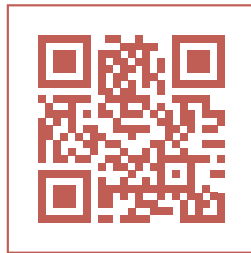
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Door**  
powered by pro clima®

**ATMA**  
The Air Tightness Testing & Measurement Association

**T·E·C**

**LEAK  
HUNTER**  
Airtightness. Made simple.

**Blower Door  
training and sales:**



## WINCON Installation quality control

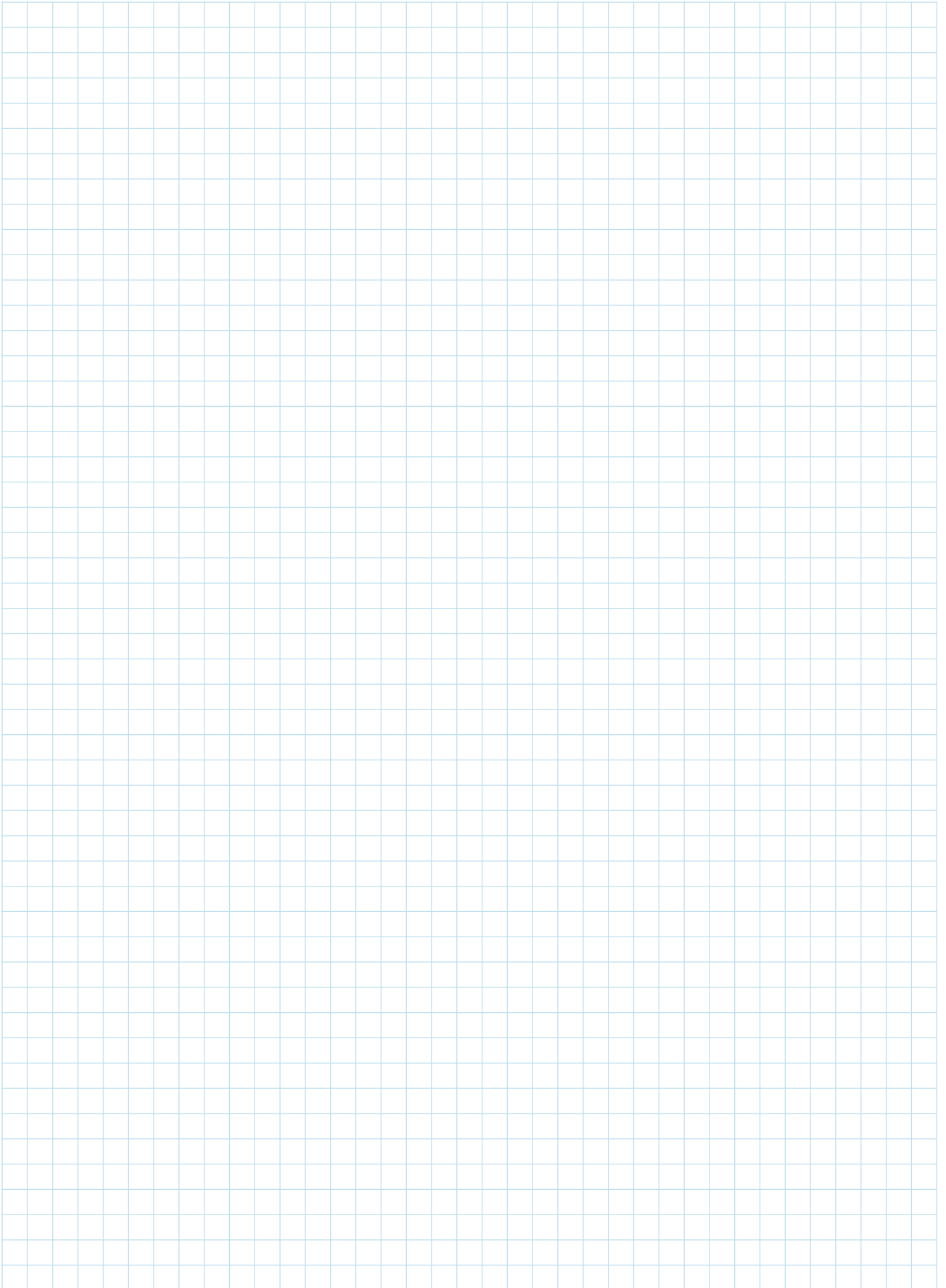
Quality control of airtightness with the pro clima WINCON. The simple and easy WINCON system creates pressure on the building envelope, revealing air leaks during construction. Free to use on loan when installing the INTELLO® airtightness system.

**Loan a WINCON from Pro Clima today!**

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