PRODUCT CATALOGUE NEW ZEALAND

Valid from 1 August 2021

Healthy Building No Worries!

... and the insulation is perfect

pro clima®

We can assist you throughout New Zealand

For all pricing enquiries and support, please contact us.

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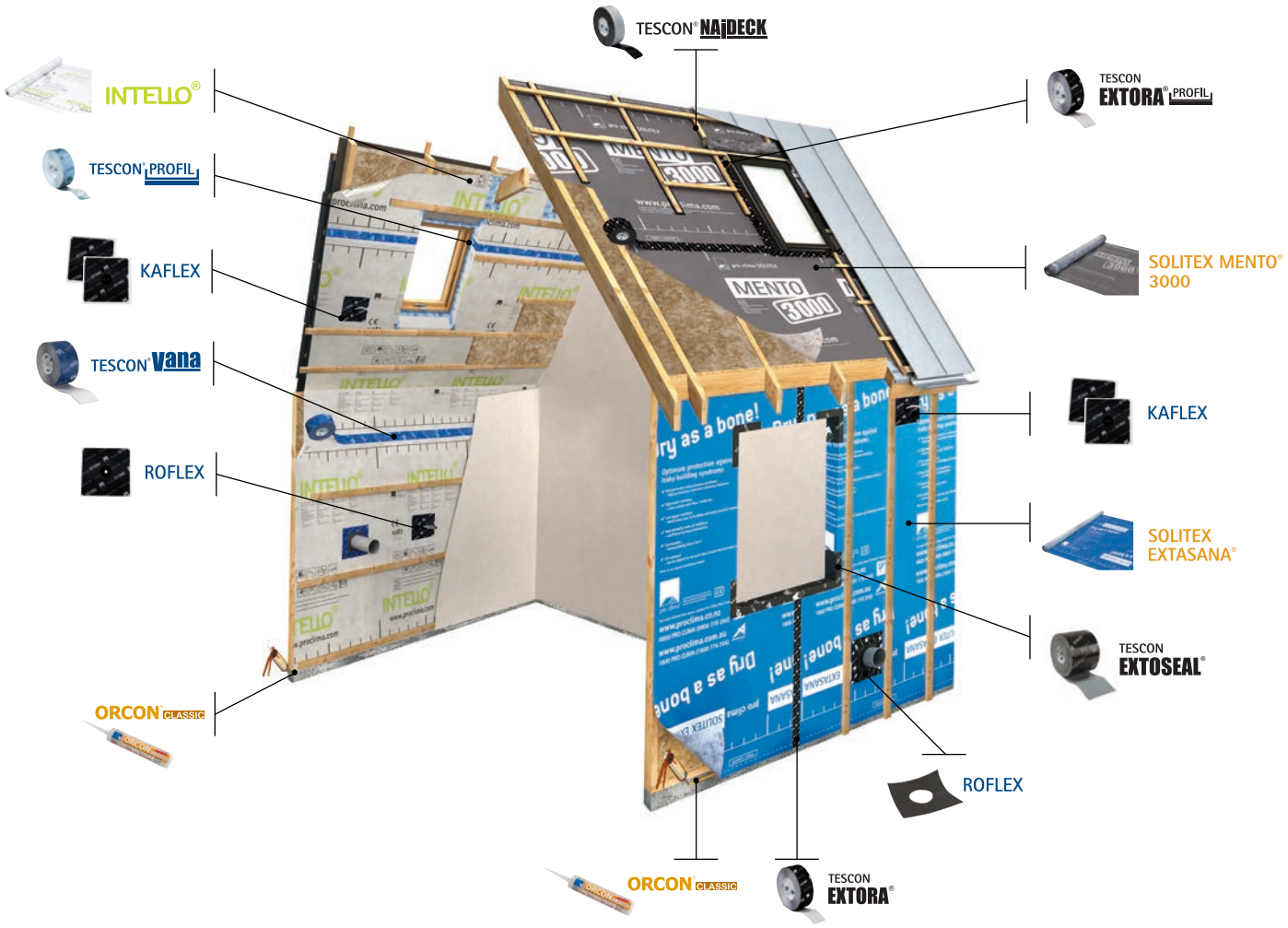
Complete building envelope system products

Knowledge & support

German technology, proven in New Zealand



AU GER UK EU IRL

NZ

Global

CONTENT

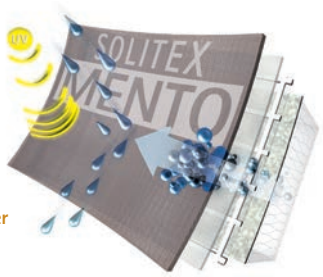
SOLITEX®

The optimum weathertightness protection with roof & wall Weather Resistive Barriers (WRB) by pro clima

High-performance, TEEE, monolithic, non-porous roof and wall membranes by pro clima all have extremely high diffusion permeability due to the active diffusion function, and high water resistance under all climatic conditions offering the ultimate weathertightness solution during construction and for the lifetime of a building.

- ✔ **High water resistance** - Three-layer 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 from the inside to the outside
- ✔ **High thermostability** - Extremely high temperature resistance 100 - 120°C
- ✔ **High rip and nail tear resistance** - Durable in high wind zones

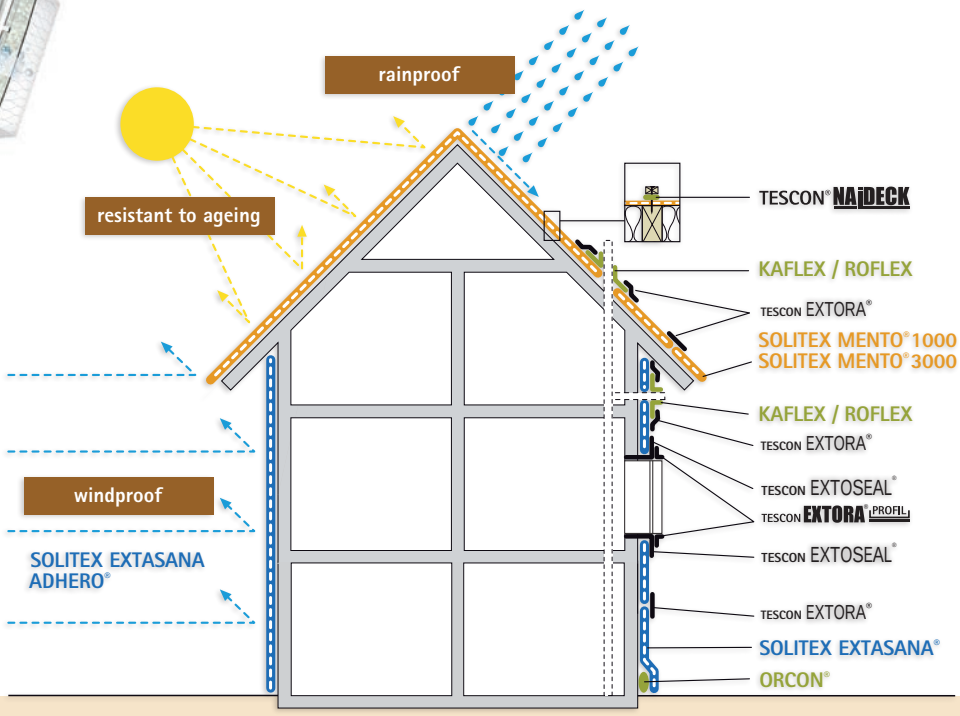
High UV resistance, durability and thermostability



High water resistance

Low vapour resistance

Best protection through high-performance, TEEE, monolithic, non-porous membranes

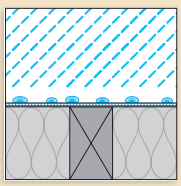


Cover fleece
The robust polypropylene microfibre cover fleece is water-resistant and provides optimum protection against water penetration. It protects the specialist TEEE-film underneath from damage and UV radiation.

The honeycomb structure provides non-slip properties even when wet. It is coloured blue to prevent dazzling effect when it is installed.

TEEE-film open, specialist
A stretchable, diffusion-open specialist TEEE-film gives the pro clima SOLITEX membranes extremely high resistance to water penetration. At the same time, it allows the water vapour from the inside to pass almost unrestricted towards the outside.

In addition, the specific properties of the specialist TEEE-film ensure the excellent wind resistance properties of the pro clima SOLITEX membranes.



No tent effect
The fact that the pro clima SOLITEX membranes are multi-layered prevents the tent effect (tent canvases leak at points of contact). The pro clima SOLITEX membranes can be in contact with insulation in both wall and roof assembly.

For more detailed technical information please refer to the pro clima New Zealand Study.

SOLITEX EXTASANA® Wall Weather Resistive Barrier

APPLICATION: SOLITEX EXTASANA® wall underlay provides the best weather protection layer for your walls, under all conditions. It is designed to be used behind most typical cladding systems, provided it is not exposed to the weather or ultra-violet light for a period greater than 180 days.

ID CODE	LENGTH	WIDTH	AREA	KG/ROLL	QTY
13547	36.5 m	1.50 m	55 m²	8.5	1
13323	36.5 m	2.74 m	100 m²	16	1

CODEMARK 30032

Red List Free

Declare.

BRANZ Appraised
Appraisal No.1163 [2021]

ADVANTAGES:

High-performance, monolithic, non-porous membrane; high water resistance; low vapour resistance; unaffected by wood preservatives; thermostability above 100 °C; can be exposed to the New Zealand elements for 180 days

SYSTEM PRODUCTS:

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

TECHNICAL DATA:

Cover-fleece + protective-layer:		PP microfibre fleeces	
Membrane:		monolithic TEEE film	
Surface weight:		140 g/m² ± 5 g/m²	EN1489-2
Thickness:		0.60mm ± 0.05mm	EN1489-2
Edge tear:	MD / LD	251 N / 188 N	TAPPI T470
Tensile strength:	MD / LD	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 20811
Flammability index:		<5	AS 1530.2
Air control:		Air barrier	AS/NZS 4200.1-2017
UV stability and outdoor exposure:		180 Days	ASTM G154

*Performance characteristics will be modified by the rigid substrate

CODEMARK 30032

CodeMark: a certification scheme for building products

Product certification (CodeMark) is a voluntary scheme that provides a robust and an easily-understood way to show that a building product or system meets the requirements of the New Zealand Building Code.

A CodeMark-certified product or construction method must be accepted by any building consent authority as complying with the Building Code, as long as it is used as specified.

(MBIE)

CODEMARK 30032 BRANZ Appraised Appraisal No.1163 [2021]
SOLITEX EXTASANA®
Wall weather resistive barrier

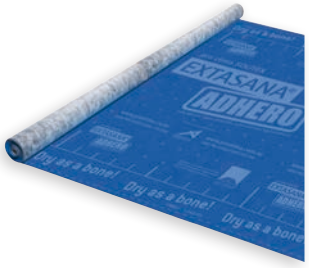
BRANZ Appraised Appraisal No.953 [2017]
KAFLEX mono/duo
Cable sealing grommet

BRANZ Appraised Appraisal No.815 [2019]
TESCON EXTOSEAL®
Sill tape

BRANZ Appraised Appraisal No.838 [2019]
TESCON EXTORA®
Weathertight sealing tape

BRANZ Appraised Appraisal No.953 [2017]
ROFLEX
Sealing grommet for pipes

ORCON® CLASSIC
Multi-purpose liquid adhesive



SOLITEX EXTASANA ADHERO® Self-Adhesive Weather Resistive Barrier

APPLICATION: 3-ply highly vapour permeable peel and stick weathertightness layer for use on roof and wall, overlaid and adhered to solid substrates like plywood, OSB, fibre-cement, CLT and SIP constructions.

ID CODE	LENGTH	WIDTH	AREA	KG/ROLL	QTY
1AR01968	30 m	1.50 m	45 m²	12	1

BRANZ Appraised
Appraisal No.989 [2017]

Red List Free

Declare.

ADVANTAGES:

Highly permeable and at the same time, maximum resistance to driving rain, water column 10,000 mm; Optimum drying conditions for wall structures: non-porous TEEE functional membrane actively transports moisture outwards; Maximum ageing resistance and thermal stability thanks to the TEEE membrane; 6 months of outdoor exposure; Fast application with immediate adhesion to rigid substrate

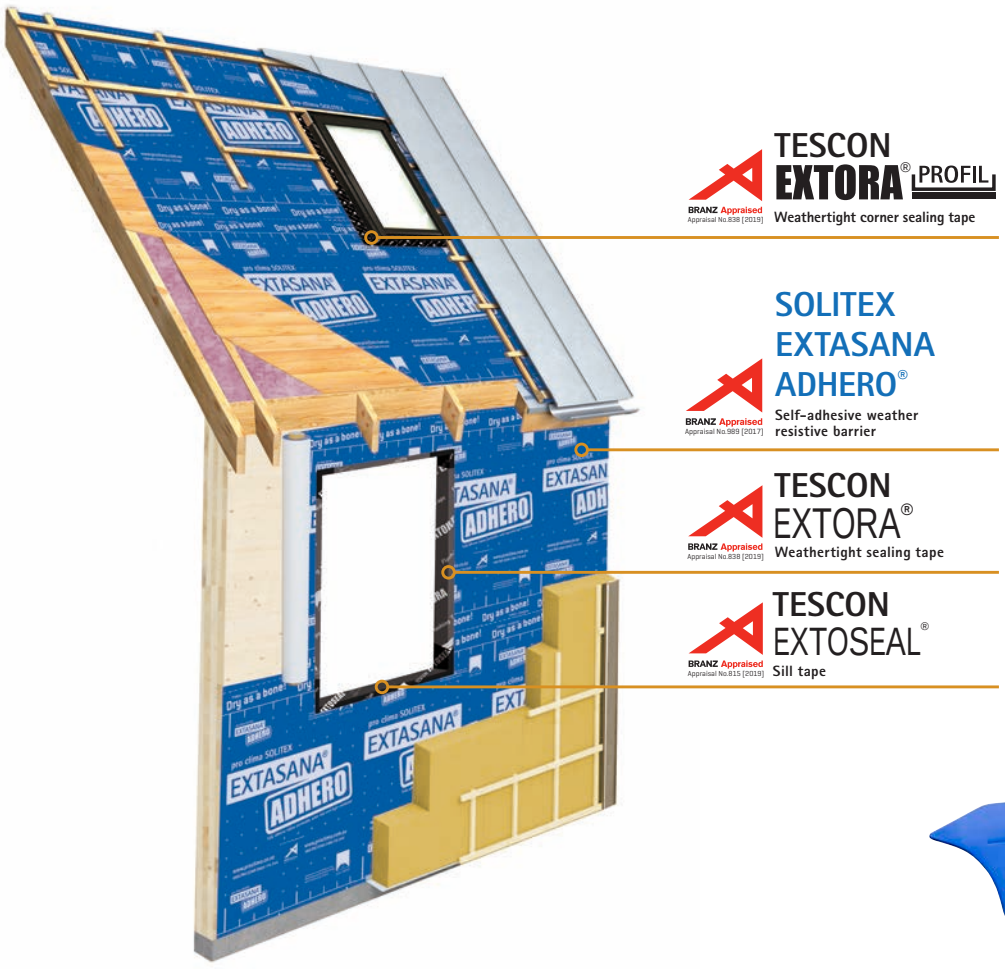
SYSTEM PRODUCTS:

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

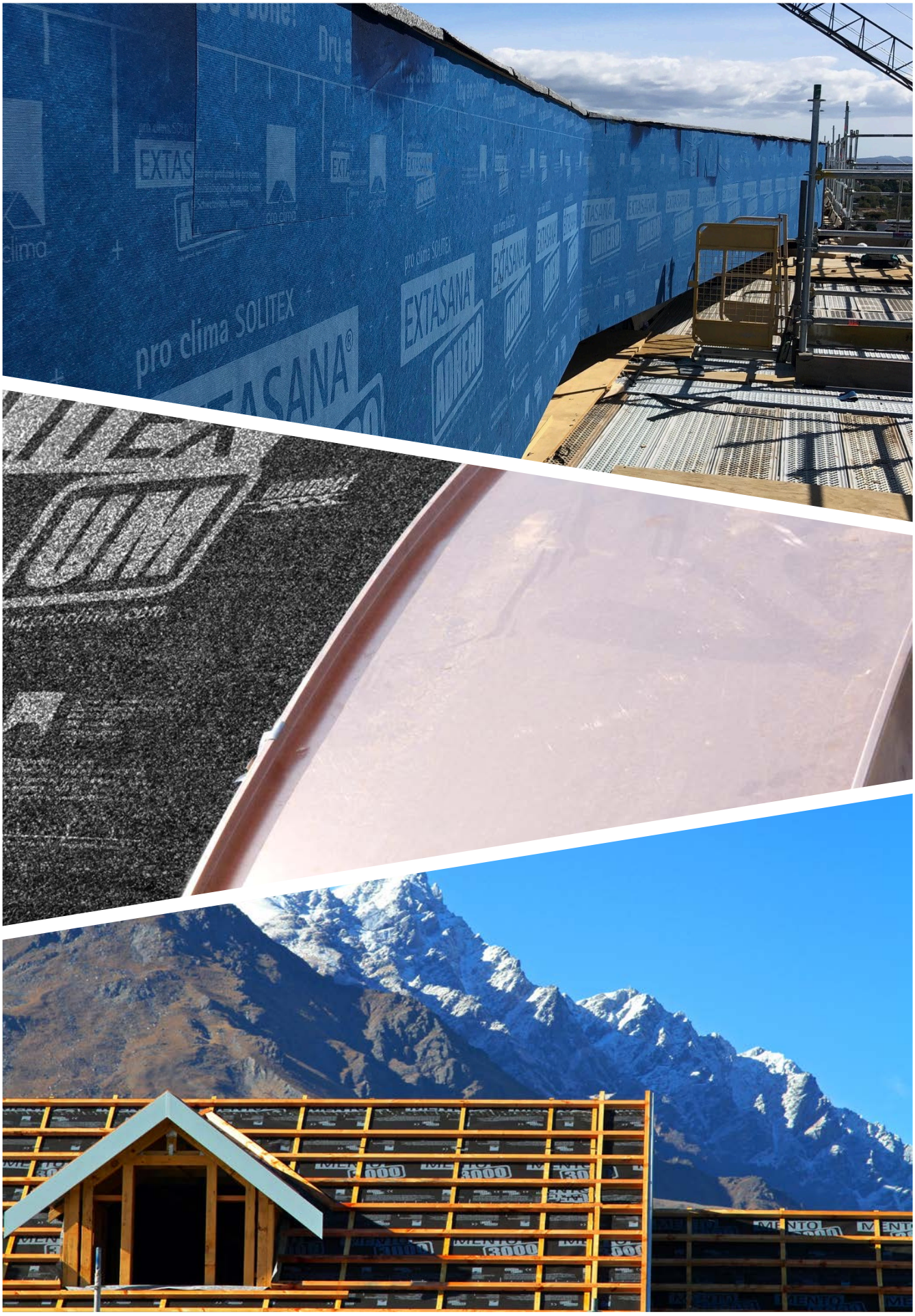
TECHNICAL DATA:

Cover-fleece + protective-layer:		PP microfibre fleece	
Membrane:		monolithic TEEE film	
Surface weight:		240 g/m² ± 5 g/m²	EN1489-2
Thickness :		0.7 ± 0.05 mm	EN1489-2
Edge tear:	MD / LD	Depending on Substrate*	TAPPI T470
Tensile strength:	MD / LD	Depending on Substrate*	AS 1301.448s-1991
Temperature resistance:		-40 °C to + 100 °C	
Moisture Vapour Transmission Resistance (MVTR):		2.091 MN.s/g	ASTM E96 Method B
Vapour permeance:		Depending on Substrate*	
Water control:		10,000 mm	EN 20811
Flammability index:		<5	AS 1530.2
Air control:		Air barrier	AS/NZS 4200.1 - 2017
UV stability and outdoor exposure:		180 Days	ASTM G154

*Performance characteristics will be modified by the rigid substrate



PRESSFIX XL
Pressing aid for
SOLITEX EXTASANA ADHERO®


pro clima SOLITEX
EXTASANA®
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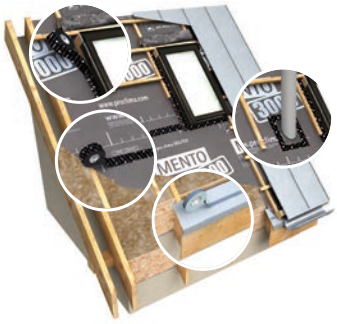


SOLITEX MENTO® Roof Weather Resistive Barrier

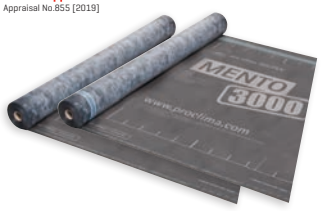
APPLICATION: SOLITEX MENTO® is a family of three-layer roof underlays designed to be used with most typical roof cladding systems, provided it is not exposed to the weather or ultra-violet light for a period greater than 90 days (30 days for MENTO 1000).

Available in connect technology with two integrated self-adhesive strips

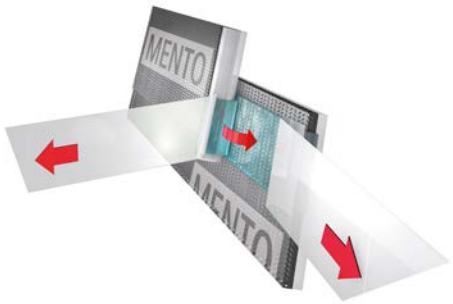
BRANZ Appraised
Appraisal No.876 [2020]

SOLITEX MENTO® 1000
Three-layer roof underlay
30 days exposure, Light-weight, high wear-resistance, high resistance to driving rain, very high thermal stability

BRANZ Appraised
Appraisal No.855 [2019]



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



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EN 13859-1

Red List Free

Declare.

PRODUCT	ID CODE	LENGTH	WIDTH	AREA	KG/ROLL	QTY
SOLITEX MENTO® 1000	15048	50 m	1.50 m	75 m²	9	1
SOLITEX MENTO® 1000	1AR01359	50 m	3.00 m	150 m²	18	1
SOLITEX MENTO® 1000 connect	1AR01361	50 m	1.50 m	75 m²	9	1
SOLITEX MENTO® 1000 connect	1AR01357	50 m	3.00 m	150 m²	18	1
SOLITEX MENTO® 3000	13648	50 m	1.50 m	75 m²	11	1
SOLITEX MENTO® 3000	15390	50 m	3.00 m	150 m²	22	1
SOLITEX MENTO® 3000 connect	15391	50 m	1.50 m	75 m²	11	1
SOLITEX MENTO® 3000 connect	1AR00548	50 m	3.00 m	150 m²	22	1

ADVANTAGES:

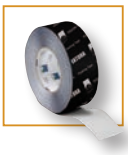
High wear-resistance microfibre fleece; very high resistance to driving rain; very high thermal stability; suitable for use as temporary roof covering as recommended by pro clima

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/m² ± 5 g/m²	150 g/m² ± 5 g/m²	EN1489-2
Thickness:		0.4 mm ± 0.05 mm	0.45 mm ± 0.05 mm	EN1489-2
Edge tear:	MD/LD	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	AS 1301.448s-1991
Temperature resistance:		-40 °C to + 100 °C	-40 °C to + 120 °C	
Moisture Vapour Transmission Resistance (MVTR):		0.398 MN.s/g	0.459 MN.s/g	ASTM E96 Method B
Water control:		10,000 mm	10,000 mm	EN 20811
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

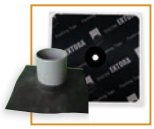
* Tested to DIN EN13859-1 (A), ** Tested to DIN EN13859-1 (B)

pro clima system products:

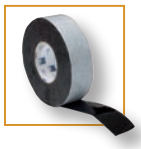


TESCON EXTORA®
Multi-purpose adhesive tape for windproof and weathertight sealing of roof and wall weather resistive barriers and other weathertightness layers

ORCON® CLASSIC
Multi-purpose joint adhesive in cartridge or sausage. For joints to adjacent mineral or rough structural components

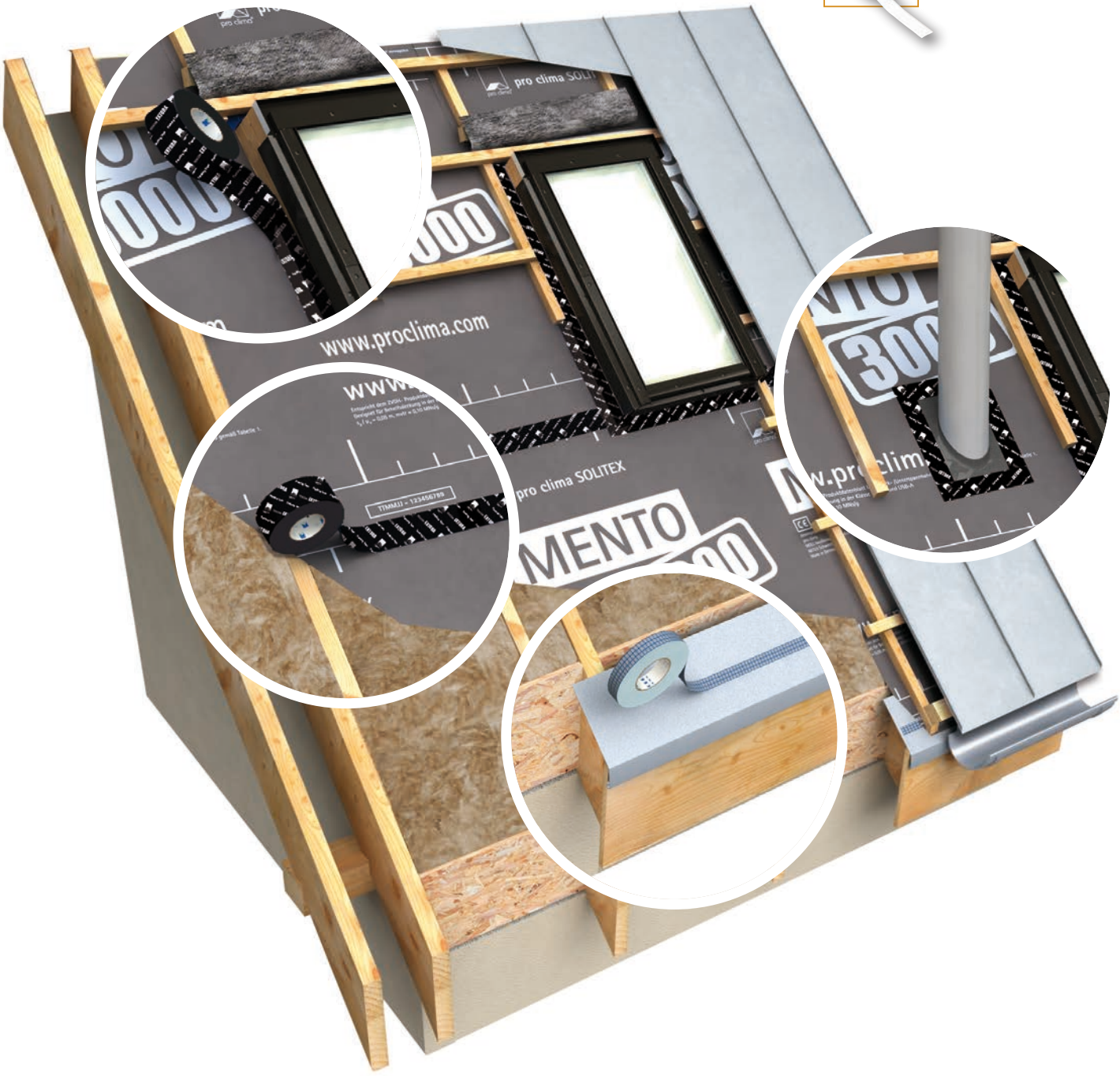


ROFLEX / KAFLEX
Sealing grommets for cables and pipes that penetrate through the SOLITEX membrane layer



TESCON® NAIDECK
Double sided butyl rubber tape. Weathertight nail sealing tape for the underside of a purlin / batten on roofs to form a durable seal around nail or screw penetrations.

DUPLEX
Double sided adhesive tape for bonding the overlaps of membranes. Also suitable for affixing membranes to steel frame structures.



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www.proclima.co.nz

SOLITEX® UM connect

Roof Weather Resistive Barrier

APPLICATION: SOLITEX® UM connect is a four-layer underlay with 3D separation layer and self-adhesive strip. Suitable for ventilated or unventilated structures in combination with any type of roofing or facade materials such as titanium zinc, aluminium, stainless steel, galvanised steel, copper etc.

ID CODE	LENGTH	WIDTH	AREA	KG/ROLL	QTY
13598	25 m	1.50 m	37.5 m²	15	1

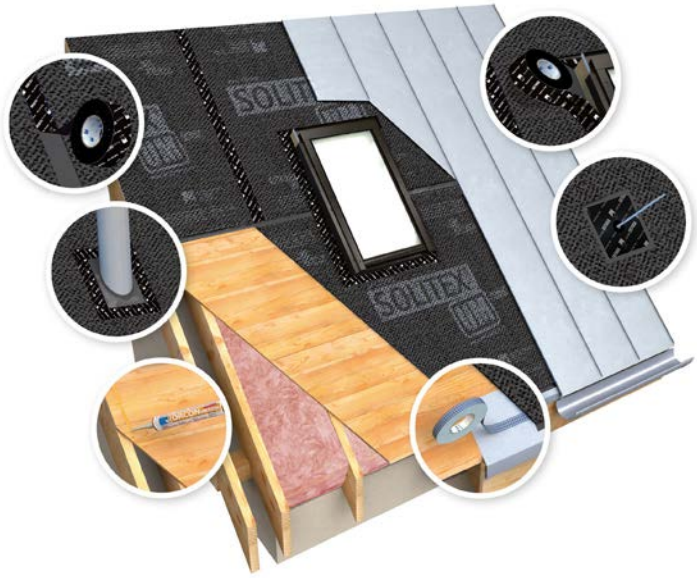
CE
07
EN 13859-1

ADVANTAGES:
Optimum safety for the roof; highly diffusion-permeable but with maximum resistance to driving rain; 3D separation layer provides increased acoustic insulation and ventilation between timber sarking and the metal cladding; very high thermal stability; integrated self-adhesive strip

SYSTEM PRODUCTS:
TESCON EXTORA®; DUPLEX; ORCON® CLASSIC; KAFLEX; ROFLEX; TESCON® NAIDECK; TESCON EXTOSEAL®; CONTEGA® EXO

TECHNICAL DATA:

Cover-fleece + protective-layer:	PP microfibre fleeces
Membrane:	monolithic TEEE film
Thickness:	8.0 ±0.5 mm
s_d value, equiv. air layer thickness:	0,05 ±0,02 m
Surface weight:	450 ±10 g/m²
Temperature resistance:	-40 °C to +100 °C
Tensile strength MD/CD:	285 ±15 N/5 cm / 215 ±15 N/5 cm



8 mm SEPARATION MESH

3D Separation Mesh

APPLICATION: 8 mm SEPARATION MESH is suitable for ventilated or unventilated structures in combination with all SOLITEX® roof and wall weather resistive barriers and with any type of roofing or facade materials such as titanium zinc, aluminium, stainless steel, galvanised steel, copper etc.

ID CODE	LENGTH	WIDTH	AREA	KG/ROLL	QTY
1AR01832	30 m	1.4 m	42 m²	12.8	1

ADVANTAGES:
3D separation layer provides increased acoustic insulation and ventilation between roof weather resistive barriers on solid substrate and the metal cladding; very high thermal stability

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

Now BRANZ Appraised

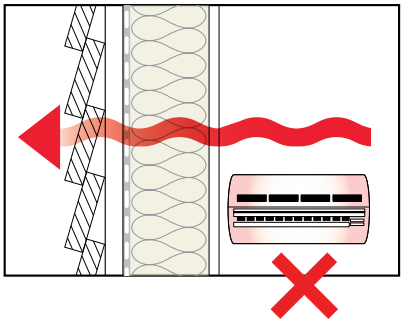
Airtightness with pro clima INTELLO®

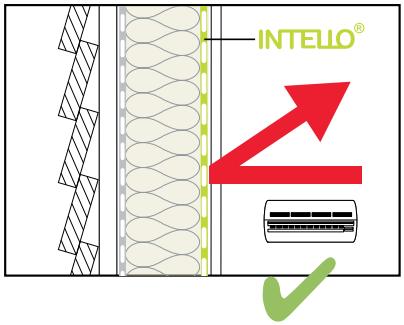
Intelligent Air Barrier

- ✔ high-performance vapour control layer
- ✔ the essential element to ensure thermal insulation is perfect
- ✔ resulting in warmer, drier, healthier homes – all year round

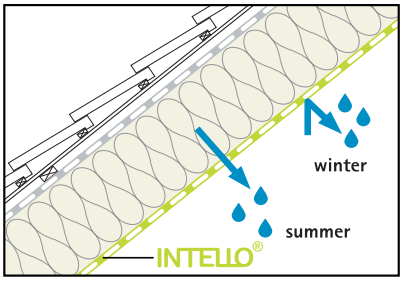
Benefits of Airtightness

Energy retention





Moisture control in summer and winter



ENERGY EFFICIENCY

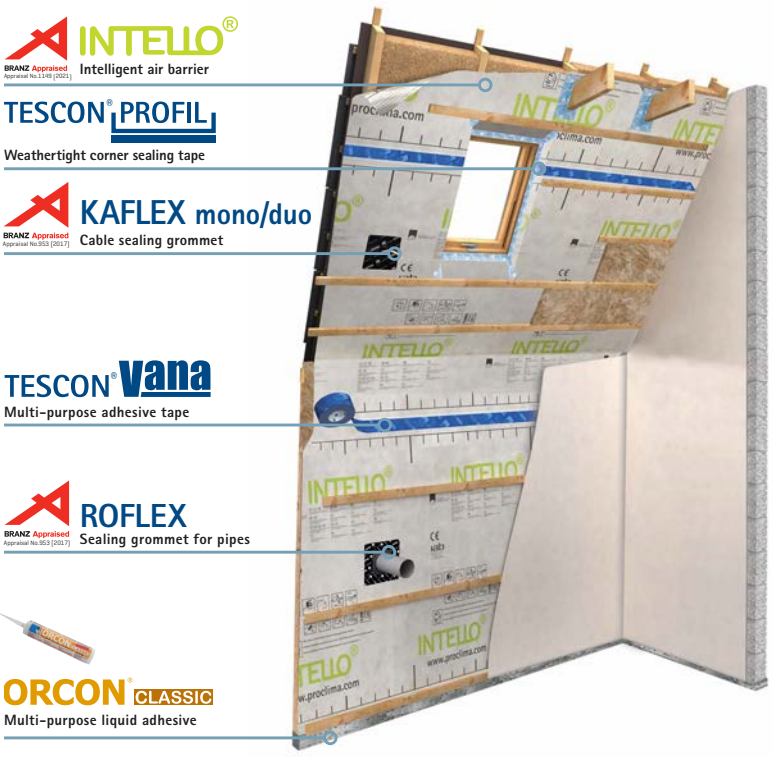
- ✔ Reduced air infiltration saves energy and therefore fewer heating / cooling appliances are needed
- ✔ Keeps your home warm in winter and cool in summer
- ✔ Solution to reduce New Zealand's overall energy dependence through greater energy efficiency

FREEDOM FROM STRUCTURAL DAMAGE

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

HEALTHY INDOOR AIR

- ✔ Eliminates contamination of the indoor air
- ✔ Prevents mould and mildew in the construction from internally driven moisture
- ✔ Enables controlled ventilation



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www.proclima.co.nz

INTELLO®

High-Performance Vapour Control Layer

APPLICATION: Can be used as a vapour control layer and airtightness membrane for all externally diffusion-open constructions.

ID CODE	LENGTH	WIDTH	AREA	KG/ROLL	QTY
15467	20 m	1.50 m	30 m²	3.5	1
13592	50 m	1.50 m	75 m²	7	1
13594	50 m	3.00 m	150 m²	14	1

ADVANTAGES:
Maximum protection for your construction; 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® PROFIL; ORCON® CLASSIC; INTELLO® PLUS connection strip; KAFLEX; ROFLEX; INSTAABOX; DUPLEX; CONTEGA® IQ, CONTEGA® PV

TECHNICAL DATA:

Fleece:	PP microfibre fleeces
Membrane:	polyethylene copolymer
Thickness:	0.20 ±0.05 mm
MVTR-value mGTIN/humidity variable:	40 MNs/g / 1.25 > 125 MNs/g
Surface weight:	85 ±5 g/m²
Temperature resistance:	-40 °C to +80 °C
Tensile strength MD/CD:	6.8 kN/m / 4.4 kN/m

CE certification as per DIN EN 13984.

INTELLO® PLUS

High-Performance Reinforced Vapour Control Layer

APPLICATION: Can be used as a vapour control layer and airtightness membrane for all externally diffusion-open constructions.

ID CODE	LENGTH	WIDTH	AREA	KG/ROLL	QTY
15468	20 m	1.50 m	30 m²	4	1
11367	50 m	1.50 m	75 m²	9	1
13590	50 m	3.00 m	150 m²	18	1

ADVANTAGES:
Maximum protection for the insulation; 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® PROFIL; ORCON® CLASSIC; INTELLO® PLUS connection strip; KAFLEX; ROFLEX; INSTAABOX; DUPLEX; CONTEGA® IQ, CONTEGA® PV

TECHNICAL DATA:

Fleece:	PP microfibre fleeces
Membrane:	polyethylene copolymer
Reinforcement:	PP
Thickness:	0.20 ±0.05 mm
MVTR-value mGTIN/humidity variable:	40 MNs/g / 1.25 > 125 MNs/g
Surface weight:	110 ±15 g/m²
Temperature resistance:	-40 °C to +80 °C
Tensile strength MD/CD:	7.0 kN/m / 5.8 kN/m

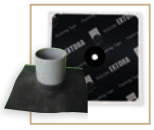
CE certification as per DIN EN 13984.

pro clima system products:

TESCON® VANA
Multi-purpose adhesive tape for sealing membrane overlaps

ORCON® CLASSIC
Multi-purpose joint adhesive in cartridge or sausage. For joints to adjacent mineral or rough structural components

INSTAABOX
This box allows for airtight installation of light switches and power plugs for wall systems without service cavity



ROFLEX / KAFLEX
Sealing grommets for cables and pipes that penetrate through the INTELLO membrane layer

INTELLO® PLUS connection strip

High-Performance Reinforced Vapour Control Layer Connection Strip

APPLICATION: For ease of installation, the connection strip is designed to connect the airtightness membranes at junctions between internal walls and external walls / ceiling.

ID CODE	LENGTH	WIDTH	KG/ROLL	QTY
13315	50 m	300 mm	1.5	1

ADVANTAGES:

Maximum protection for the insulation; 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:

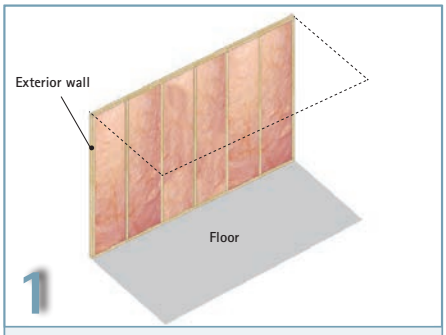
TESCON® VANA; TESCON® PROFIL; ORCON® CLASSIC; INTELLO® PLUS connection strip; KAFLEX; ROFLEX; INSTAABOX; DUPLEX; CONTEGA® IQ, CONTEGA® PV

TECHNICAL DATA:

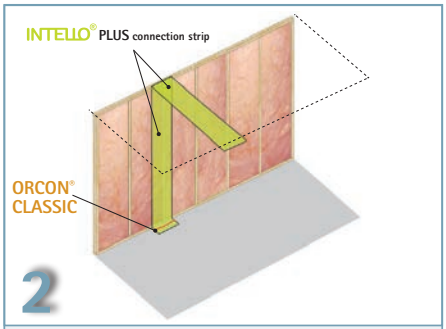
Fleece:	PP microfibre fleeces
Membrane:	polyethylene copolymer
Reinforcement:	PP
Thickness:	0.20 ±0.05 mm
MVTR-value mGTIN/humidity variable:	40 MNs/g / 1.25 > 125 MNs/g
Surface weight:	110 ±15 g/m²
Temperature resistance:	-40 °C to +80 °C
Tensile strength MD/CD:	7.0 kN/m / 5.8 kN/m

CE certification as per DIN EN 13984.

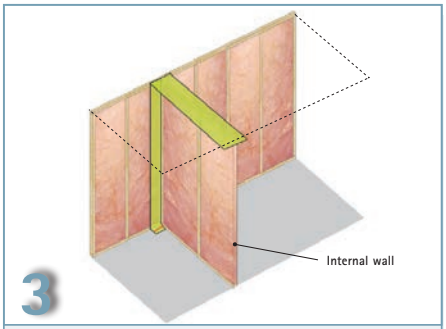
APPLICATION



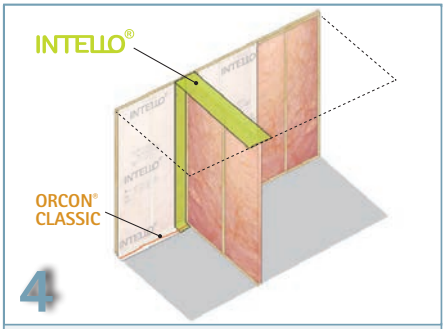
All surfaces must be stable, dry, smooth and free of dust, silicone and grease. Vacuum if needed.



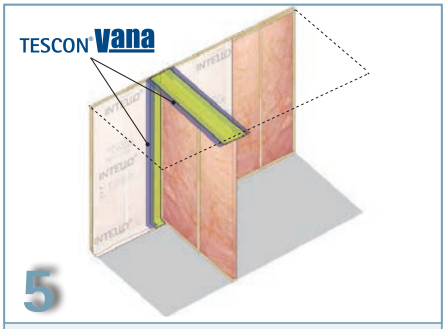
Prior to erecting the internal wall, fix the INTELLO® PLUS connection strip to the junction where the internal wall meets the external wall using staples at 200 mm centres. Apply the pro clima ORCON® multi-purpose joint adhesive to connect the INTELLO® PLUS connection strip to the floor.



Erect the internal wall allowing an even overhang of the INTELLO® PLUS connection strip on either side of the internal wall.



Install the INTELLO® membrane on the inside of the external wall and uppermost ceiling, where it meets the INTELLO® PLUS connection strip allow for an overlap of 20 - 30 mm.



Once all of the INTELLO® membrane is installed, apply the TESCON® VANA multi-purpose adhesive tape to the overlap between the INTELLO® membrane and the INTELLO® PLUS connection strip to form a continuous airtightness layer.

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www.proclima.co.nz

DB+ Reinforced Vapour Control Layer and Airtightness Membrane

APPLICATION: The original vapour control layer. Reinforced cellulose-based vapour control layer and airtightness membrane for protecting insulation in timber frame construction. Humidity variable.

ID CODE	LENGTH	WIDTH	AREA	KG/ROLL	QTY
1AR01681	50 m	1.35 m	67.5 m²	13	1

CE 07 EN 13984

iab Bord Agrément na hÉireann Irish Agrément Board

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

SYSTEM PRODUCTS:
UNI TAPE

TECHNICAL DATA:

Carrier:	Recycled paper, paper, halogen and plasticiser-free PE film
Membrane:	Polyethylene copolymer
Colour:	Light blue
MVTR humidity variable range:	<3.06 MNs/g to >20.4 MNs/g
Temperature resistance:	-40 °C to 80 °C
Storage:	Cool and dry

CE certification as per DIN EN 13984.

DASATOP® Humidity-Variable Refurbishment Vapour Control Layer

APPLICATION: Airtightness and vapour control membrane for installation over rafters and across sarking in roof renovation projects. The DASATOP® air and vapour control layer system has been specially developed for roof restoration and is installed from the outside over existing rafters, sarking boards or structure.

ID CODE	LENGTH	WIDTH	AREA	KG/ROLL	QTY
1AR00526	50 m	1.50 m	75 m²	7	1

CE 07 EN 13984

Materialgarantie hinterlegt beim ZVDH

ADVANTAGES:
Sub-and-top: The humidity-variable MVTR value protects the supporting structure and insulation layer; no difficult airtight joints required at the rafters; particularly tear-resistant thanks to fleece reinforcement.

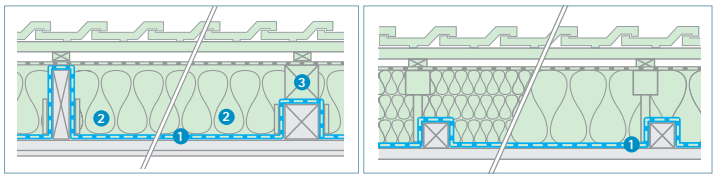
SYSTEM PRODUCTS:
TESCON EXTORA®; TESCON EXTORA® PROFIL; ORCON® CLASSIC; KAFLEX; ROFLEX; CONTEGA® PV

TECHNICAL DATA:

Carrier:	PP fleece
Membrane:	Polyethylene copolymer
s_d-value:	0.05 - 2 m
Colour:	Green
Surface weight:	90 ±5 g/m²
MVTR-value:	8 ±1.25 MNs/g
MVTR humidity variable range:	0.25 - 10 MNs/g
Water column:	> 1,500 mm
Temperature resistance:	-40 °C to 80 °C

CE certification as per DIN EN 13984.

External installation of vapour retarder for sub-and-top



1. DASATOP® airtight membrane
2. Position held by 3-4 mm of hard fibre or chipboard, for example
3. Doubling

DASATOP® FIX Mounting Rail

APPLICATION: DASATOP® FIX board is used to secure sub-and-top installed refurbishment vapour control layer DASATOP® around existing rafters.

ID CODE	1AR01683

TECHNICAL DATA:

Material:	MDF/HDF fibreboard (E1 standard)
Length:	1 m
Width:	40 mm
Thickness:	3 mm
Storage:	Cool and dry

Red List Free

CERTIFIED COMPONENT Passive House Institute

AEROSANA® VISCONN

Sprayable Airtightness Sealant with a Humidity-Variable s_d-value

APPLICATION: For use as a humidity-variable vapour control layer and airtight layer that can be applied as a spray or using a brush on surfaces such as non-plastered masonry or porous panels. For use on interior and exterior building components. Also suitable for building component joints and for strengthening subsurfaces during renovation.

PRODUCT	ID CODE	CONTENT	COVERAGE	QTY
AEROSANA VISCONN	1AR01106	10 L	750 g/m²	1
AEROSANA VISCONN WHITE	1AR01740	10 L	750 g/m²	1
AEROSANA VISCONN	1AR02612	600 ml	750 g/m²	1
AEROSANA VISCONN WHITE	1AR02749	600 ml	750 g/m²	1

ADVANTAGES:

Time-saving: ready-to-use dispersion; reliable structures thanks to excellent adhesive properties on all standard construction surfaces; for robust building components: permanent elasticity and high durability once it has dried; improves surfaces: forms a bonding course between subsurfaces and subsequent coatings; can be plastered/painted over, pro clima adhesive tapes can be stuck onto it; flexible use in indoor and protected outdoor areas thanks to its humidity-variable s_d value; excellent values in the hazardous substance test, has been tested according to the ISO 16000 evaluation scheme

TECHNICAL DATA:

Material:	Aqueous acrylic dispersion, fibre-reinforced
Surface weight:	approx. 200 g/m² (dried), depending on subsurface and applied thickness
Vapour resistance (MVTR):	30 ±3 MNs/g (at 0.3 mm thickness)
s_d-value:	6 ±0.6 m (at 0.3 mm thickness)
s_d-value humidity variable:	0.13 - 10.00 m
Water column:	2,000 mm
Application temperature:	5 °C to 60 °C
Temperature resistance:	permanent -40 °C to 90 °C (dried)
Coverage:	approx. 750 g/m², depending on applied thickness
Drying:	approx. 12 - 48 hours (at 20 °C, 65% rel. humidity) depending on subsurface and applied thickness
Storage:	5 °C - 25 °C, in a closed, airtight bucket

NEW

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 cartridges onto smooth and rough mineral and non-mineral subsurfaces such as timber, wood fibreboards, OSB, stone, plaster, concrete etc. For use with air compressors capable of up to 6.8 bar (100 psi), 300 l/min air flow.

ID CODE	CONTENT	QTY
1AR02714	1.6 kg	1

ADVANTAGES:
Work faster: easy, one step application; precise application of material: setting 1 for a line of sealant to close joints, setting 2 to spray over and seal surfaces; allows installer to work with one hand; no brush required

TECHNICAL DATA:

Material:	stable aluminum cylinder, ergonomic nylon handle

AEROSANA® VISCONN FIBRE

Fibre-Reinforced Brush-On Sealant with a Humidity-Variable s_d-value

APPLICATION: Brush-on, elastic and humidity-variable vapour control layer. Airtightness or windtightness layer for sealing penetrations, surfaces and joints. Also for use as a bonding course between subsurfaces and subsequent coatings - for interior and exterior use.

PRODUCT	ID CODE	CONTENT	COVERAGE	QTY
AEROSANA VISCONN FIBRE	1AR01677	5 L	600 g/m²	1
AEROSANA VISCONN FIBRE	1AR02633	600 ml	600 g/m2	1
AEROSANA VISCONN FIBRE WHITE	1AR02750	600 ml	600 g/m2	1

ADVANTAGES:

Time-saving: Ready-to-use brush-on sealant; reliable structures thanks to excellent adhesive properties on all standard construction surfaces; covers cracks and joints of up to 20 mm (0.8") width. Larger joints can also be covered in combination with AEROSANA® FLEECE; can be plastered, painted and stuck over with all pro clima adhesive tapes; can be used flexibly both in interior and protected outdoor areas thanks to its humidity-variable s_d value; excellent values in the hazardous substance test, has been tested according to the ISO 16000 evaluation

TECHNICAL DATA:

Material:	Aqueous acrylic dispersion, fibre-reinforced
Surface weight:	approx. 200 - 400 g/m², depending on subsurface and applied thickness
Coating application:	0.6 - 1.4 mm wet film
s_d-value:	3.5 ±0.4 m (at 0.3 mm thickness)
s_d-value humidity variable:	0.15 - 5.00 m
Application temperature:	5 °C to 60 °C
Temperature resistance:	permanent -40 °C to 90 °C (dried)
Drying:	approx. 6 - 48 hours (at 20 °C; 65% rel. humidity) depending on subsurface and applied thickness
Storage	5 °C - 25 °C, closed in an airtight manner. Stir well before application

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AEROSANA® FLEECE

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

APPLICATION: Supplementary product 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.

ID CODE	LENGTH	WIDTH	CONTENT	ROLL/PACK
1AR01715	2 x 25 m	15 cm	7.5 m²	2

ADVANTAGES:
Reliable airtightness and windtightness: tested as part of the AEROSANA® VISCONN system; easy to work with: very malleable fleece material; excellent values in the hazardous substance test; has been tested according to the ISO 16000 evaluation scheme

TECHNICAL DATA:

Material:	PET
Surface weight:	63 ±10 g/m²
Thickness:	0.7 ±0.15 mm
Tensile strength MD/CD:	90 ±15 N/5 cm / 145 ±15 N/5 cm
Elongation MD/CD:	75 ±15 % / 90 ±15 %

Durable bonding with pro clima

Adhesives, tapes and accessories

For durable airtightness and weathertightness systems

We provide weather and airtight bonding tapes for fixing of all internal and external surfaces and junctions. The TESCON® range is a breakthrough in the New Zealand market using unique technology patented by pro clima. It adheres to damp and cold surfaces, is diffusion open, highly temperature resistant and easy to apply.

Red List Free

ORCON® CLASSIC Multi-Purpose Liquid Adhesive

APPLICATION: For connections to rough adjoining structural components or mineral surfaces.

ID Code	PACKAGING	VOLUME	EFFICIENCY/RANGE	QTY
14899	cartridge	310 ml	bead 5 mm ~ 15 m bead 8 mm ~ 6 m	1
14900	sausage	600 ml	bead 5 mm ~ 30 m bead 8 mm ~ 12 m	1

ADVANTAGES:
Exceptionally high cohesion; elastic film; suitable for bonding of all pro clima membranes; outstanding adhesion to rough adjoining structural components or mineral surfaces

TECHNICAL DATA:

Material:	non-ageing acrylate polymers without softeners or halogenated compounds
Installation temperature:	-10 °C to +50 °C (adhesive temp. >0 °C)
Temperature resistance:	long term -20 °C to +80 °C
Storage:	> -20 °C, cool and dry

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Weathertight and durable sealing with pro clima

TESCON EXTORA®

Wall sealing tapes

→ For wall weather resistive barriers like SOLITEX EXTASANA® and other weathertightness layers

Roof sealing tapes

→ For sealing the overlapping of roof weather resistive barriers like SOLITEX MENTO®

- ✔ **Watertight**
- ✔ **Can be applied to damp surfaces**
- ✔ **Very high adhesion on cold surfaces**
- ✔ **Diffusion open**
- ✔ **Easy to cut with a knife**
- ✔ **UV Stability: 180 days**
- ✔ **Thin and flexible**
- ✔ **Best performance – saving cost and time**

TESCON EXTORA® Weathertight Sealing Tape

APPLICATION: Multi-purpose adhesive tape for windproof and weathertight sealing of roof and wall weather resistive barriers and other weathertightness layers.

ID CODE	LENGTH	WIDTH	QTY
13206	30 m	60 mm	1
13486	30 m	60 mm	20 big pack*
13280	30 m	100 mm	1
14891	30 m	150 mm	1
14892	30 m	200 mm	1

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successfully tested
unique worldwide

BRANZ Appraised
Appraisal No.838 [2019]

Declare.

ADVANTAGES:
Waterproof, weathertight sealing tape; reduces the risk of condensation and mould; saves time by fast application; easy to cut; suitable for NZ and AUS climate conditions; thin and flexible; can be applied to cold and damp surfaces; highly UV stabilised

TECHNICAL DATA:

Carrier material:	special fleece based on PP
Release material:	siliconized paper
Temperature resistance:	long term -40 °C to +90 °C
Installation temperature:	from -20 °C
UV stability and outdoor exposure:	180 days
Colour:	black
Storage:	cool and dry

TESCON EXTORA® PROFIL Weathertight Corner Sealing Tape

APPLICATION: Muliti-purpose adhesive tape for windproof and weathertight sealing between the weather resistive barrier and windows and doors, tested as the internal primary air seal.

ID CODE	LENGTH	WIDTH	QTY
15050	30 m	60 mm	1
15236	30 m	60 mm	20 big pack*

Red List Free

100 YEARS ADHESION
successfully tested
unique worldwide

BRANZ Appraised
Appraisal No.838 [2019]

Declare.

ADVANTAGES:
Split release paper for corner of window/door installations; waterproof from the outside; tested in accordance with E2/VM1, E2/VM2 and AS/NZS 4284:2008; suitable for NZ and AUS climate conditions; can be applied to cold and damp surfaces; highly UV stabilised

TECHNICAL DATA:

Carrier material:	special fleece based on PP
Release material:	siliconized paper
Temperature resistance:	long term -40 °C to +90 °C
Installation temperature:	from -20 °C
Colour:	black
Storage:	cool and dry
UV stability and outdoor exposure:	180 days

*big pack product only sold per unit.

TESCON EXTOSEAL® Sill Tape

APPLICATION: Flexible one piece sill tape for wall weather resistive barriers like SOLITEX EXTASANA®, SOLITEX EXTASANA ADHERO® and other weathertightness layers.

ID CODE	LENGTH	WIDTH	QTY
14152	20 m	150 mm	1
14156	20 m	200 mm	1

BRANZ Appraised
Appraisal No.815 [2019]

Red List Free

ADVANTAGES:

One piece stretchable Sill tape; no need for corner moulds; can be applied to damp surfaces; very high adhesion on cold surfaces; no heating necessary; highly UV stabilised; suitable for NZ and AUS climate conditions; best performance; saving cost and time

TECHNICAL DATA:

Carrier material	butyl rubber with PE film
Release material:	siliconized foil in individual strips: 97 / 53 (150mm) 147 / 53 (200mm)
Temperature resistance:	long term -30 °C to +90 °C
Installation temperature:	above -20 °C
Thickness:	1 mm
Colour:	black
Storage:	cool and dry
UV stability and outdoor exposure:	180 days

APPLICATION

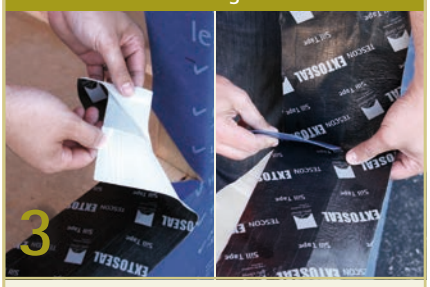
Pre-installation measurement

Measure vertically up the jamb from the internal corner of the sill. Minimum 100 mm allowing for 50 mm cover onto the wall weather resistive barriers.

Cut Sill Tape to length

Cut TESCON EXTOSEAL® to appropriate length (sill length plus required jamb height on either side).

Installation to framing

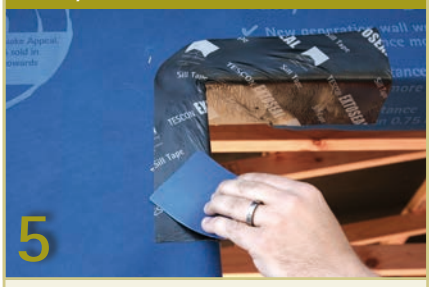


Remove first release foil to allow for application onto sill and jamb framing. Start installing the Sill Tape from the first pre-installation measurement of the first jamb. Follow the sill and up the second jamb. Ensure you apply the Sill Tape tightly into the corner and smoothly along the sill frame using the pro clima PRESSFIX.

Installation to weathertightness layer

Remove second release foil to allow for application onto weathertightness layer. Fold and stretch to the face of the weathertightness layer. Ensure you apply the Sill Tape smoothly using the pro clima PRESSFIX.

Jamb / Head installation



Measure vertically down the jamb and horizontally across the head trimmer from the internal corner. Minimum 100 mm allowing for 50 mm cover onto the weathertightness layer.

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TESCON® WS

Wet Seal Connection Tape

APPLICATION: TESCON® WS is a pure aluminium tape applied to SOLITEX EXTASANA®, SOLITEX EXTASANA ADHERO®, SOLITEX MENTO®, TESCON EXTOSEAL® & TESCON EXTORA® before installing the window/door joinery for a reliable adhesion of wet sealants.

ID CODE	LENGTH	WIDTH	QTY
16849	30 m	38 mm	1

ADVANTAGES:
Pure aluminium for wet seal adhesion; Durable; Thin; Can be applied to cold surfaces

TECHNICAL DATA:

Carrier material	pure aluminium
Release material:	PE foil
Temperature resistance:	-40 °C to +130 °C
Installation temperature:	> -10 °C
Thickness:	0.05 mm
Colour:	aluminium
Storage:	cool and dry
Water vapour permeability:	< 1 g/m² x 24 h

TESCON® NAiDECK

Double Sided Self-Sealing Strip

APPLICATION: As nail sealing tape on the underside of a purlin / batten on roofs and walls to form a durable seal around nail or screw penetrations.

ID CODE	LENGTH	WIDTH	QTY
13599	20 m	50 mm	1
13600	20 m	50 mm	24 big pack*

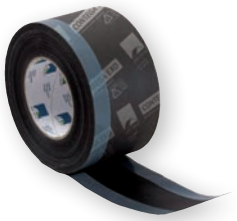
Red List Free

ADVANTAGES:
Water resistant; suitable for temporary weathertightening of the roof together with the pro clima roof weather resistive barriers without installation of the roof cladding to allow for continuous work within the building; extra-strong due to a reinforcing layer; contains no bitumen

TECHNICAL DATA:

Carrier material:	butyl rubber with PE film
Release material:	siliconized paper
Temperature resistance:	long term -20 °C to +80 °C
Installation temperature:	+5 °C to +35 °C
Thickness:	1 mm
Colour:	black
Storage:	cool and dry

*big pack product only sold per unit.



CONTEGA® EXO Exterior Joinery Connection Strip

APPLICATION: External tape for weathertight connection of windows and doors. Non-wicking, non-porous, flexible tape. Versatile install with 3 adhesive strips.

ID CODE	LENGTH	WIDTH	QTY
15844	30 m	85 mm	1
1AR01266	30 m	120 mm	1

ADVANTAGES:
Vapour permeable external window connection tape. Active moisture transport by means of monolithic TEEE functional membrane, can be plastered over on the fleece side. Very versatile in timber, masonry and concrete structures with three adhesive strips.

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
Installation temperature:	above -10 °C
Colour:	dark grey
Water column:	EN 20811 > 2,500 mm
Exposure time:	90 days
Storage:	cool and dry

CONTEGA® IQ Interior Joinery Connection Strip

APPLICATION: CONTEGA® IQ is used for an airtight connection from windows and door frames to the airtightness layer.

PRODUCT	ID CODE	LENGTH	WIDTH	QTY
1 self-adhesive strip (For masonry construction)	14897	30 m	90 mm	1
2 self-adhesive strip (For timber frame construction)	14896	30 m	90 mm	1

ADVANTAGES:
Weathertight window and door installation in accordance with DIN 4108-7, SIA 180 and OENORM B8110-2; diffusion open, airtight connection; extremely flexible and durable connection strip

TECHNICAL DATA:

Carrier material:	PP microfibre fleeces
Temperature resistance:	from -40 °C to +90 °C
Installation temperature:	above -10 °C
Storage:	cool and dry

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www.proclima.co.nz

CONTEGA® PV Render Connection Strip

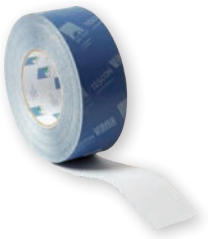
APPLICATION: CONTEGA® PV is a strip for interior airtight plaster connections between sheets of membrane or wood-based panels and surfaces that will be plastered (brick work or concrete).

ID CODE	LENGTH	WIDTH	QTY
15840	15 m	200 mm	1

ADVANTAGES:
PET fleece, easily embedded in plaster, no further plaster reinforcement is necessary; transition between solid plaster and window or vapour control layer; reliable, airtight bond according to DIN 4108-7, SIA 180 and OENORM B 8110-2; reinforcement increases the stability of the adjoining plaster substrate; Lowest VOC rating in hazardous substance test

TECHNICAL DATA:

Carrier material:	PET fleece with functional membrane and plaster reinforcement
Release material:	silicone-coated PE film
Temperature resistance:	long term -40 °C to +90 °C
Installation temperature:	above -10 °C
Colour:	light blue / dark blue
Storage:	cool and dry



TESCON® Vana Multi-Purpose Adhesive Tape

APPLICATION: TESCON® VANA for a secure and permanent airtight seal of overlaps between INTELLO® membranes, joints between membranes and smooth, non-mineral surfaces. Also suitable for sealing joints between wood-based panels.

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

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CERTIFIED COMPONENT Passive House Institute

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ADVANTAGES:
Durable airtight sealing inside, and for sealing penetrations of the INTELLO®; diffusion open; thin and flexible; suitable for application to cold surfaces; airtight sealing in accordance with DIN 4108, SIA 180 and OENORM B8110-2

TECHNICAL DATA:

Carrier material:	special fleece made from PP
Release material:	siliconized paper
Temperature resistance:	long term -40 °C to +90 °C
Installation temperature:	from -10 °C
UV stability and outdoor exposure:	indoor use only
Colour:	dark blue
Storage:	cool and dry

TESCON® PROFIL Corner Sealing Tape

APPLICATION: TESCON® PROFIL for a secure and permanent airtight seal of corner junctions between INTELLO® membranes, connections between membranes and windows and doors. Also suitable for sealing corner joints between wood-based panels.

ID CODE	LENGTH	WIDTH	QTY
12186	30 m	60 mm	1
11398	30 m	60 mm	20 big pack*

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ADVANTAGES:
Corner adhesive tape for internal use; three individually removable strips of release paper; with DIN 4108, SIA 180 and OENORM B8110-2; excellent values in the hazardous substance test, has been tested according to the ISO 16000 evaluation scheme. Can be plastered over.

TECHNICAL DATA:

Carrier material:	special fleece made from PP
Release material:	siliconized paper in individual strips: 12 / 23 / 25 mm
Temperature resistance:	long term from -40 °C to +90 °C
Installation temperature:	over -10 °C
UV stability and outdoor exposure:	indoor use only
Colour:	light blue
Storage:	cool and dry

DUPLEX Double Sided Tape

APPLICATION: Double sided adhesive tape for bonding the overlaps of membranes. Also suitable for affixing membranes to steel frame structures.

ID CODE	LENGTH	WIDTH	QTY
13602	20 m	25 mm	5

ADVANTAGES:
Double sided sealing tape; for fixing of membranes to steel frame structures prior to batten fixing; thin and flexible; can be applied to cold surfaces

TECHNICAL DATA:

Carrier paper:	PP reinforcement
Release material:	siliconized paper
Temperature resistance:	long term from -40 °C to +90 °C
Application temperature:	over -10 °C
UV stability and outdoor exposure:	indoor and outdoor use without direct UV exposure
Colour:	clear
Storage:	cool and dry

*big pack product only sold per unit.

UNI TAPE

Universal Adhesive Tape

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

ID CODE	LENGTH	WIDTH	QTY
1AR01684	30 m	60 mm	1

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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

TECHNICAL DATA:

Carrier material:	reinforced paper, PE coated
Release material:	siliconized paper
Temperature resistance:	-40 °C to +90 °C
Installation temperature:	above -10 °C
Storage:	cool and dry

TESCON® PRIMER RP

Solvent-Free Primer

APPLICATION: No drying required. Prior to bonding tapes such as TESCON® VANA, TESCON EXTORA® or TESCON EXTOSEAL® use TESCON® PRIMER RP to prime substrates such as timber flooring, masonry, fibre cement, osb and other porous surfaces.

ID CODE	CONTENTS	ADHESIVE TAPE WIDTH	COVERAGE	QTY
1AR00010	750 ml	60 mm	~60 m	1
		75 mm	~45 m	1
		150 mm	~22 m	1

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

Red List Free

Declare.

ADVANTAGES:
No drying required - adhesive can be applied straight to the damp primer on absorbent substrates; application even on damp substrate; can also be used in below-zero conditions; can be used with any pro clima adhesive tape; solvent free

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

GLUMEX

Adhesive Removing Liquid

APPLICATION: Glumex dissolves adhesive residues from adhesive tapes and acrylate copolymers.

ID CODE	CONTENTS	QTY
10161	400 ml	1

ADVANTAGES:
Removes adhesive residues left behind by adhesive tapes and acrylate copolymers.

TECHNICAL DATA:

Contents:	C9-12 isoparafin
Storage:	cool and dry away from naked flame

*big pack product only sold per unit.

INSTAABOX Installation Box

APPLICATION: This box allows for airtight installation of light switches and power points for wall systems without service cavity.

ID CODE	QTY	
12181	5	
13601	20	big pack*

ADVANTAGES:
Complies with the requirements of DIN 4108-7, SIA 180 and OENORM B8110-2 with regard to airtightness for the use of standard flush boxes; for up to three flush boxes; pre-pressed exit points for cables; for cables up to 20 mm in diameter

TECHNICAL DATA:

Material:	polyethylene, flexible
Temperature resistance:	–10 °C to +80 °C
Cable diameter:	max. 20 mm
Depth:	55 mm
Length / width installation space / opening:	260 mm / 130 mm
Length / width over all:	320 mm / 190 mm

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	11426	105 mm	80 mm	10
PRESSFIX XL	1AR01658	285 mm	130 mm	1

**Only supplied in complete packages*

KAFLEX mono/duo

Cable Sealing Grommet
For 1 or 2 cables, Ø 5 – 12 mm each

APPLICATION: Sealing grommet made of strong and highly flexible EPDM. Ideally suited for rapid and permanent airtight sealing of penetrations of cables and pipes through the airtightness layer. Can also be used outdoors, i.e. for roof and wall weather resistive barriers.

PRODUCT	ID CODE	LENGTH	WIDTH	QTY
KAFLEX mono	13628	145 mm	145 mm	5
KAFLEX mono	13629	145 mm	145 mm	30 big pack*
KAFLEX duo	13633	145 mm	145 mm	5
KAFLEX duo	13631	145 mm	145 mm	30 big pack*

BRANZ Appraised
Appraisal No.953 [2017]

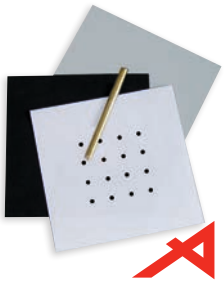
Red List Free

CERTIFIED COMPONENT
Passive House Institute

ADVANTAGES:
High-quality EPDM, extremely flexible and elastic; the cables and pipes can be pulled or pushed without damaging the airtightness layer; quick and secure sealing; also suitable for penetrations of roof and wall weather resistive barriers

TECHNICAL DATA:

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



KAFLEX multi

Cable Sealing Grommet
For up to 16 cables, Ø 4.8 – 12 mm each

APPLICATION: Cable grommet made from strong and highly flexible EPDM for simple, rapid and permanent sealing of penetrations for up to 16 cables through the airtightness layer or roof and wall weather resistive barriers.

ID CODE	LENGTH	WIDTH	QTY
13630	140 mm	140 mm	2

BRANZ Appraised
Appraisal No.953 [2017]

Red List Free

CERTIFIED COMPONENT
Passive House Institute

ADVANTAGES:
Complete set for up to 16 cables; quick and secure sealing; extremely flexible and elastic; efficient and quick installation; also suitable for penetrations of roof and wall weather resistive barriers

TECHNICAL DATA:

Material:	EPDM
Temperature resistance:	from -40 °C to +120 °C
Installation temperature:	over -10 °C
Storage:	cool and dry
UV stability and outdoor exposure:	180 days

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 and external membranes.

ID CODE	LENGTH	WIDTH	QTY
13635	140 mm	140 mm	5

CERTIFIED COMPONENT
Passive House Institute

ADVANTAGES:
Durable sealing of installed and connected cables; diffusion open; for airtight sealing in accordance with DIN 4108, SIA 180 and OENORM B8110-2; thin and flexible; can be applied to cold and wet surfaces

TECHNICAL DATA:

Material:	special fleece made from PP
Release paper:	siliconized paper
Temperature resistance:	long term -40 °C to +90 °C
Application temperature:	from -10 °C

*big pack product only sold per unit.

ROFLEX 20

Sealing Grommet
For 1 pipe or cable, Ø 15 – 30 mm

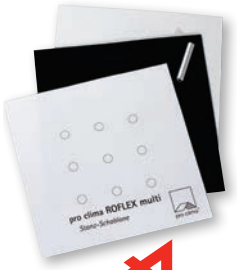
APPLICATION: Sealing grommet made of strong and highly flexible EPDM. Ideally suited for rapid and permanent airtight sealing of penetrations of cables and pipes through the airtightness layer. Can also be used outdoors, i.e. for roof and wall weather resistive barriers.

ID CODE	LENGTH	WIDTH	QTY
13605	145 mm	145 mm	5
13606	145 mm	145 mm	30 big pack*

ADVANTAGES:
High-quality EPDM, extremely flexible and elastic; cables and pipes can be still be pulled or pushed without damaging the airtightness; secure bond, quick and secure sealing; also suitable for penetrations of roof and wall weather resistive barriers

TECHNICAL DATA:

Material:	EXTORA Tape with EPDM
Temperature resistance:	-40 °C to +120 °C (EPDM)
Installation temperature:	over -10 °C
Storage:	cool and dry
UV stability and outdoor exposure:	180 days



ROFLEX 20 multi

Sealing Grommet
For up to 9 pipes or cables

APPLICATION: Conduit grommet made of strong and highly flexible EPDM for simple, rapid and permanent airtight feed-throughs of up to 9 pipes through the airtight sealing layer or under the roof.

ID CODE	LENGTH	WIDTH	QTY
12936	200 m	200 mm	2

ADVANTAGES:
Complete set for up to 9 pipes; secure bond, quick and secure sealing, indoors or out; high-quality EPDM, extremely flexible and elastic, waterproof, also suitable for penetrations in facades and roof linings; pipes and cables can be still be pulled or pushed

TECHNICAL DATA:

Material:	EPDM
Temperature resistance:	from -40 °C to +150 °C
Installation temperature:	from -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: High-quality EPDM, extremely flexible and elastic; cables and pipes can be pulled or pushed without damaging the airtightness layer; quick and secure sealing; also suitable for penetrations of roof and wall weather resistive barriers

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 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 100	13610	200 mm	200 mm	Ø 100-120 mm	2 **
ROFLEX 100	13613	200 mm	200 mm	Ø 100-120 mm	20 big pack*
ROFLEX 150	13614	250 mm	250 mm	Ø 120-170 mm	2 **
ROFLEX 150	13612	250 mm	250 mm	Ø 120-170 mm	20 big pack*
ROFLEX 200	13615	300 mm	300 mm	Ø 170-220 mm	2 **
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

ADVANTAGES:
High-quality EPDM, extremely flexible and elastic; cables and pipes can be still be pulled or pushed without damaging the airtightness layer; quick and secure sealing; also suitable for penetrations of roof and wall weather resistive barriers

TECHNICAL DATA:

Material:	EPDM
Temperature resistance:	from -40 °C to +150 °C
Installation temperature:	over -10 °C
Storage:	cool and dry
UV stability and outdoor exposure:	180 days

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

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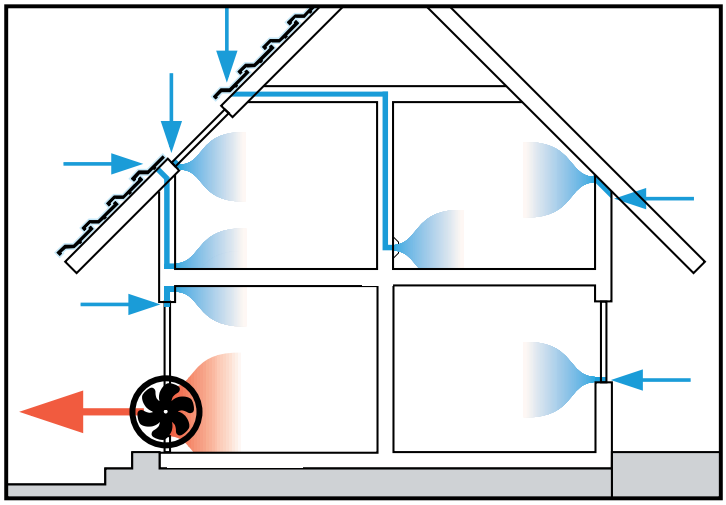
A Blower Door is a diagnostic tool which measures and helps locate air leakage within the building envelope. It uses a calibrated fan to generate pressure, then it measures exactly how much air leakage it takes to maintain that pressure. A Blower Door air tightness test is such a sensible practice that many building codes around the world require it by law.

The Minneapolis Blower Door is a system automatically controlled from the DG-1000 pressure gauge – you just monitor the readout of the measured results on the screen. Using these results, the included software generates a complete test report in accordance with worldwide standards such as ATTMA, Passive House and ISO 9972.



The Minneapolis Blower Door has been recognised as the best designed and supported building airtightness testing system in the world. It was developed in the United States by The Energy Conservatory (TEC) and has been in use for more than 25 years.

Pro Clima NZ Ltd is the sole New Zealand distributor and licence holder of the Minneapolis Blower Door.

Contact us for all your Blower Door enquiries: email welcome@proclima.co.nz or call 0800 PRO CLIMA (776 254).

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 m³/h
Features:	with aluminum frame, DG-1000 digital pressure and flow gauge and software TECTITE Express
Warranty:	1 year

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Meets ATTMA requirements for measurements systems

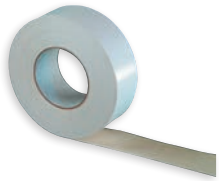
ATTMA The Air Tightness Testing & Measurement Association

Blower Door powered by pro clima®

WINCON – installation quality control

Quality control of airtightness can also be aided with the pro clima WINCON. The simple and easy WINCON system places pressure on the building and reveals air leaks. Short of a fully calibrated Blower Door system, the WINCON can aid you in your quest for building performance.

Loan a WINCON from pro clima today!



WINCON Tape

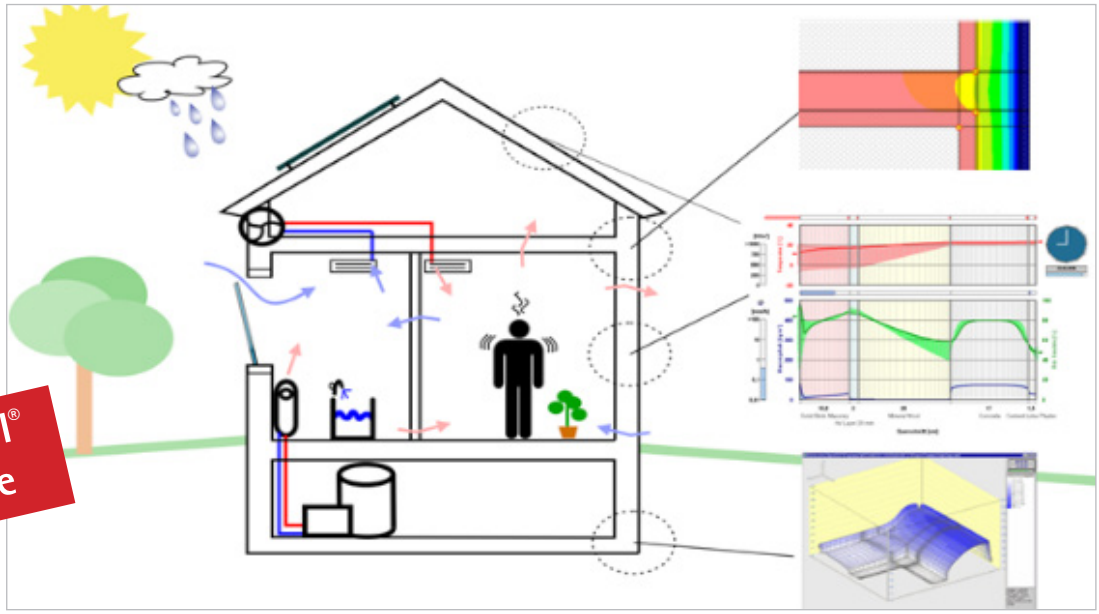
For temporary sealing of the WINCON to the construction. Tape can easily be removed after testing without causing any damage.

ID Code	13641
GTIN	4026639136411
QTY	1

TECHNICAL DATA:

Roll:	50 mm width / 50 m length

Predict the risk of moisture accumulation in building designs with WUFI®



Try WUFI® for free

WUFI® (Wärme und Feuchte instationär) is a software family which allows realistic calculation of the transient coupled one and two dimensional heat and moisture transport in multi-layer building components exposed to natural weather (hygrothermal modelling).

Hygrothermal modelling is the analysis of heat flow and moisture flow at the same time. It's incredibly useful for helping to predict the risk of moisture problems in buildings. Moisture management starts at the design phase with proper material selection and WUFI® is the ideal tool.

WUFI® is the state-of-the-art engineering tool allowing accurate predictions of vapour diffusion and liquid transport in building materials and has been validated by detailed comparison with measurements obtained in the laboratory and on outdoor testing field by Fraunhofer Institute for Building Physics.

There is a growing demand for hygrothermal modelling in New Zealand. Take this opportunity to start offering WUFI® for design assurance.

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100 years

Permanent airtightness with pro clima!
Tested for the entire usage period

- ✔ Reliable functioning tested for 100 years
- ✔ 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.

As little as 17 years can be regarded as permanent

A process for accelerated aging 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 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 aging 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 aging 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 aging. 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 surpass 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 resistive barriers can be reliably bonded using pro clima products!

*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.

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Appraisal No.1149 [2021]

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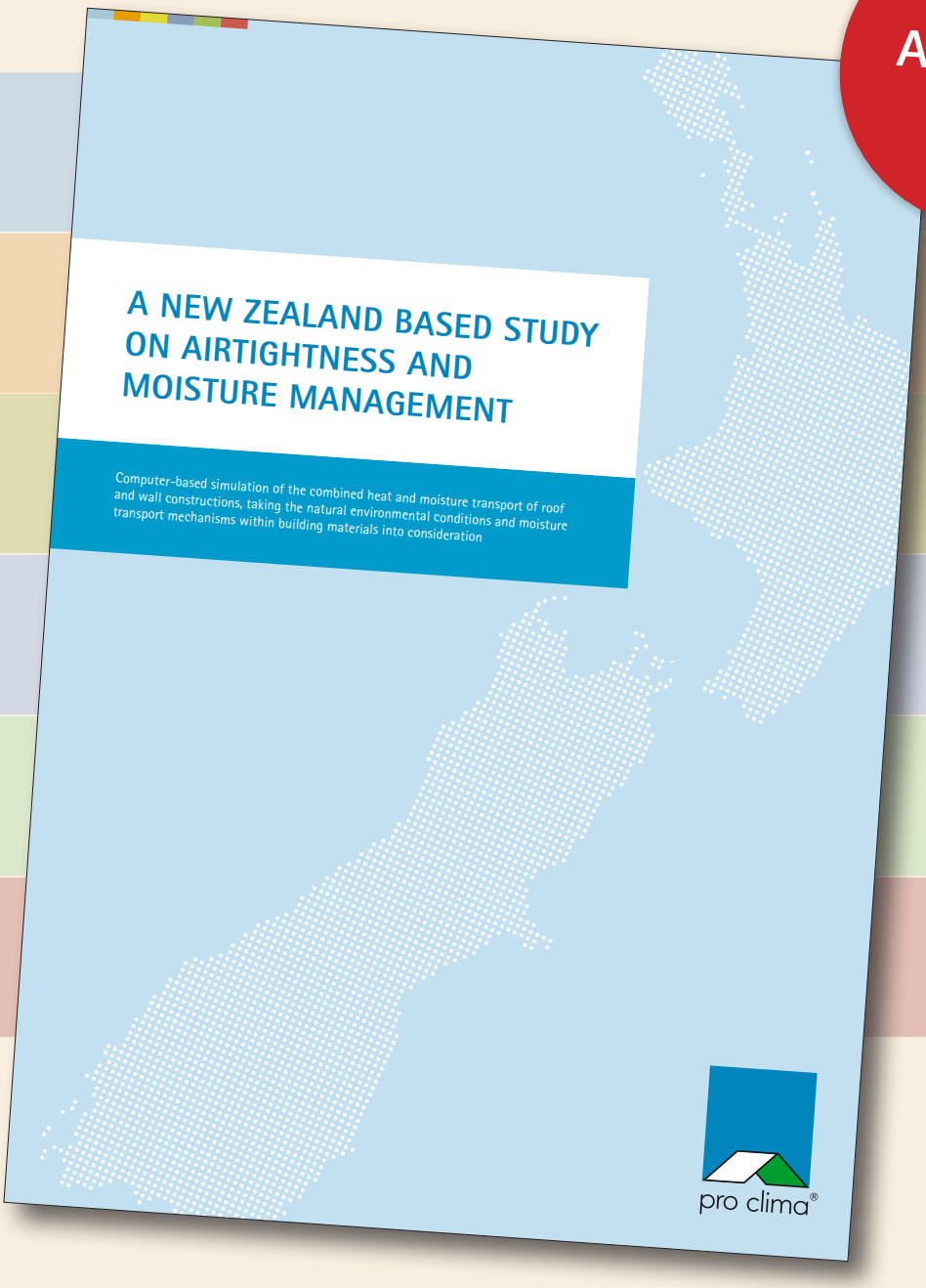

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