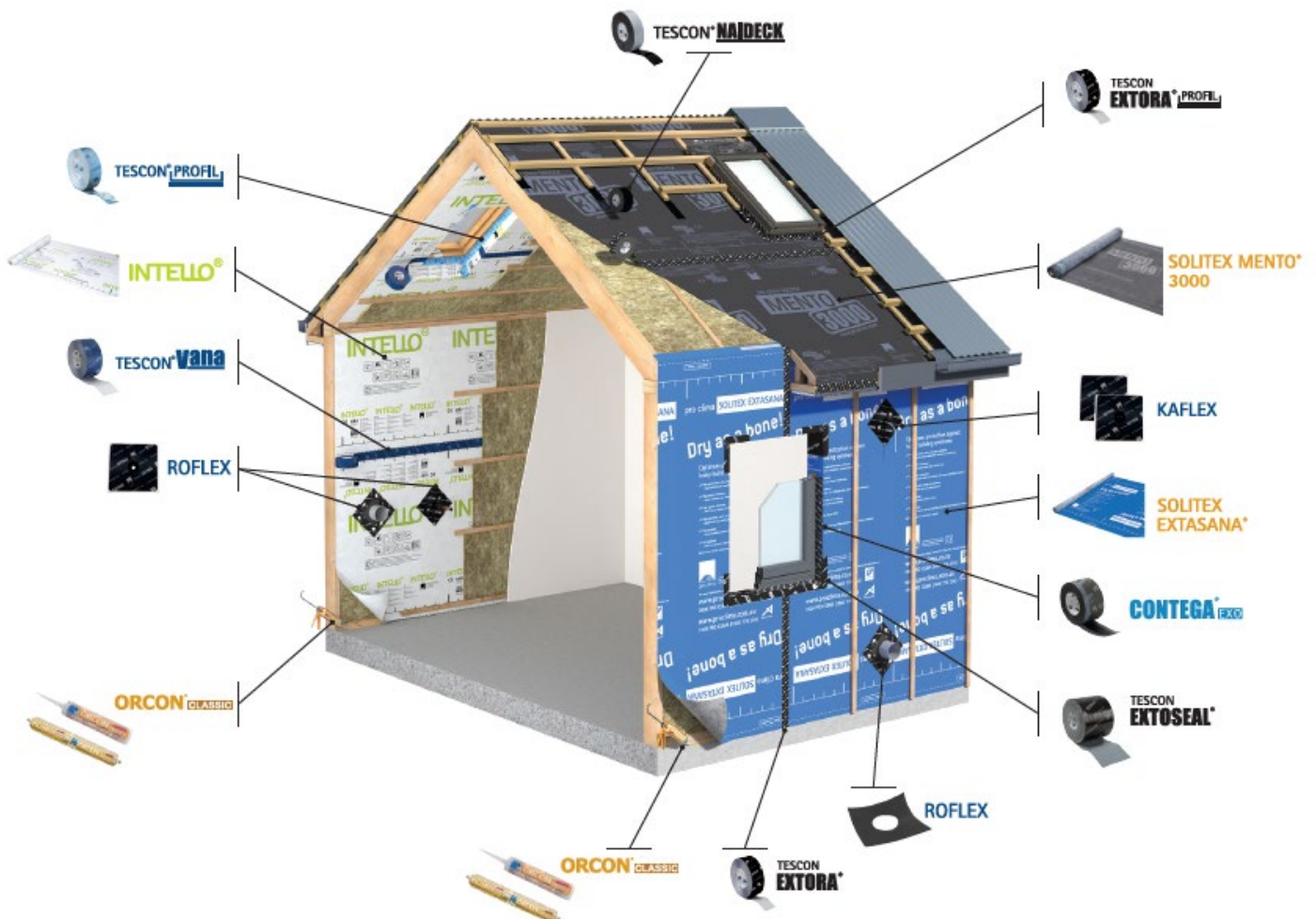




# Complete building envelope system products

## Knowledge & support

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# Class 1

## Building Product Information Sheet

Product name (include the brand name):

pro clima TESCON® PROFIL

Product description and its intended use (measurements, materials, usage):

TESCON® PROFIL is specially designed for a secure and permanent airtight seal of junctions between INTELLO® intelligent air barrier and window and door joinery. TESCON® PROFIL corner sealing tape is a valuable component of all air barrier systems. It is compatible with all membranes, underlays as well as rigid sheathings, rigid wall underlays and rigid air barriers (RAB). 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.

Key Features:

- Specially designed for corner applications
- Three individual removable strips of release paper
- Long-term durability
- Thin, highly pliable and easily formed into corners and shapes
- Flexible to account for building movement

Product identifier (if applicable):

4026639221377

(This could be a Global Trade Item Number (GTIN) or quick response code (QR code), or any other distinguishable part/model number or identifier.)

Place of manufacture:  Aotearoa New Zealand  Overseas

Legal and trading name of the manufacturer(s):

MOLL bauökologische Produkte GmbH

Address for service:

STREET NAME Rheintalstraße 35 - 43

SUBURB

CITY, COUNTRY Schwetzingen, GERMANY

POSTCODE 68723

Website:

<http://www.proclima.com>

Email address:

[info@proclima.com](mailto:info@proclima.com)

Phone no. (if applicable):

+49 (0) 6202 2782-0

NZBN (if applicable):

N/A

Legal and trading name of the importer (if applicable):

Pro Clima (NZ) Ltd

Address for service:

STREET NAME Level 1, 47 The Esplanade

SUBURB Petone

CITY, COUNTRY Lower Hutt, New Zealand

POSTCODE 5012

Website:

www.proclima.co.nz

Email address:

welcome@proclima.co.nz

Phone no. (if applicable):

04 589 8460

NZBN (if applicable):

9429033909561

Relevant Building Code clauses:

- B2 DURABILITY: Performance clauses B2.3.1 (a) not less than 50 years, B2.3.1 (b) 15 years and B2.3.2.
- E3 INTERNAL MOISTURE: Functional requirement clause E3.2
- F2 HAZARDOUS BUILDING MATERIALS: Performance clause F2.3.1.
- H1 ENERGY EFFICIENCY: Performance clause H1.3.1 (b).

Statement on how the building product is expected to contribute to compliance:

- B2.3.1 (a), (b) and B2.3.2: TESCON® PROFIL meets these requirements when used behind internal linings with a NZBC durability requirement of not less than 50 years, e.g. linings for fire rated load-bearing walls; and code compliance with NZBC Clause B2.3.1 (b) 15 years when used where the internal lining durability requirement is 15 years, e.g. shower linings. Provided the internal lining is maintained in accordance with the lining manufacturer's instructions and the lining remains sound, TESCON® PROFIL is expected to have a serviceable life equal to that of the internal lining.
- E3.2: When used with an adequate combination of thermal resistance, ventilation and space temperature in habitable spaces, TESCON® PROFIL contributes to meeting this requirement. Although NZBC Clause E3 covers the accumulation of internal moisture, the NZBC Acceptable Solution E3/AS1 makes no specific reference to the requirements and characteristics of barriers to airflow within the concealed spaces in buildings, such as within the wall or ceiling structure. Where possible, moisture sources should be controlled at their origin.
- F2.3.1: TESCON® PROFIL is safe to handle and will not present a health hazard to people, so contributes to meeting this requirement
- H1.3.1 (b): limiting uncontrollable airflow. TESCON® PROFIL contributes to meeting this requirement.



- options for compliance set out in section 19 of the Act (regulations, acceptable solution, verification method)
- standard or technical document that describes the performance of the building product or the relevant specifications to which the building product was manufactured
- physical properties of the building product
- how the building product is intended to be used.

**Limitations on the use of the building product:**

This product is not designed for external use but will handle temporary direct exposure to UV and still fulfil the intended use for air control. Envelope and reveal details should be detailed to prevent direct sunlight onto the TESCON® PROFIL in service.

The bonds should not be subjected to tensile strain. The adhesive tape connection of membranes should be supported by battens if necessary.

To ensure a durable, airtight bond with air-proofing sealing adhesive tape the substrates onto which the tape is applied should be load bearing and stable, dry, smooth and free from dust, silicon and grease. Bonding to frozen surfaces is not possible.

**Design requirements that would support the appropriate use of the building product:**

This product should be applied using the pro clima PRESSFIX tool to activate the pressure sensitive adhesive and guarantee a long-term durable seal.

Permanent adhesion is achieved on all pro clima interior and exterior membranes, on other vapour-check and airtight membranes (e.g. those made of PE, PA, PP and aluminium) and on other underlay and breather (WRB) membranes (e.g. those made of PP and PET). Bonding and joints are possible with planed and painted wood, hard plastics and metal (e.g. pipes, windows etc.) and hard wood-based panels (chipboard, OSB, plywood and MDF). Pre-treatment with TESCON PRIMER is required in the case of adhesion to wood-fibre underlay panels or on smooth, mineral subsurfaces. Concrete or plaster subsurfaces must be cohesive.

**Installation requirements (also provide link to the product installation guide):**

Refer to the TESCON® PROFIL installation instructions available from [proclima.co.nz](http://proclima.co.nz).

**Maintenance requirements** *(also provide link to the product maintenance guide):*

There are no specific maintenance requirements. The product is covered or protected by the subsequent layers of the building assembly and is inaccessible while in service.

Is the building product/building product line subject to warning or ban under section 26 of the Building Act 2004?:

Yes  No

If yes, description of the warning or ban under section 26:

N/A

Version:

1

Date:

0 | 5 | 1 | 2 | 2 | 3