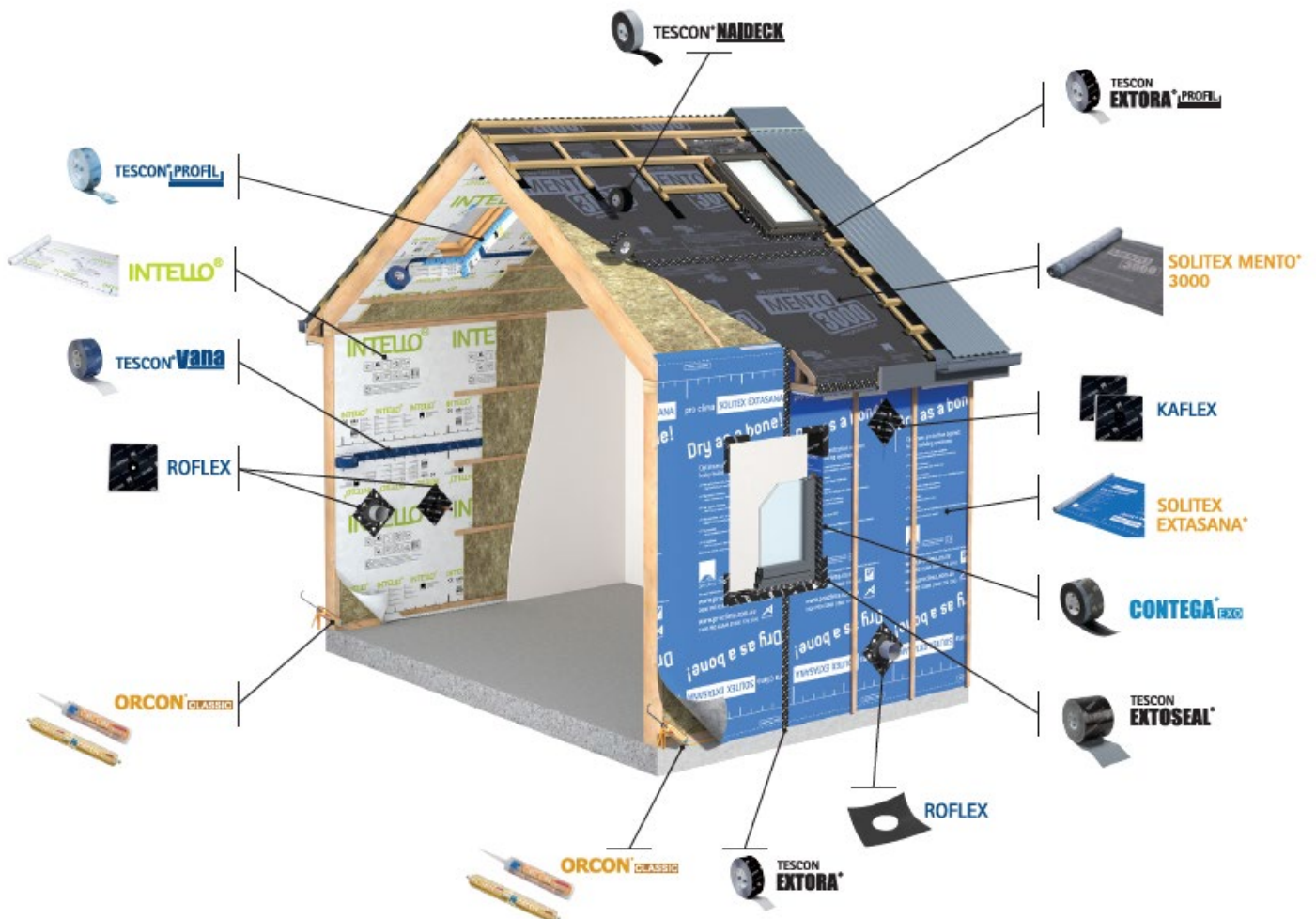




# Complete building envelope system products

Knowledge & support

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# Class 1

## Building Product Information Sheet

Product name (include the brand name):

pro clima DUPLEX

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

DUPLEX is an all-purpose double sided tape, ideal for permanent bonding of overlaps and end laps of weather resistive barrier (WRB) membranes. It is also suitable for temporary fixing of SOLITEX EXTASANA®, SOLITEX MENTO®, INTELLO® air barrier membranes and other WRB membranes to steel structures, prior to 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 allowing it to remain thin, avoiding thick layered material build ups while still providing easy application.

Key technical specifications:

- Length: 80 m per roll
- Width: 25mm

Key Features:

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

Product identifier (if applicable):

4026639239136

(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.
- E2 EXTERNAL MOISTURE: Performance clause E2.3.2.
- E3 INTERNAL MOISTURE: Performance clause E3.3.1.
- F2 HAZARDOUS BUILDING MATERIALS: Performance clause F2.3.1.

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

- B2.3.1 (a), (b) and B2.3.2: DUPLEX meets these requirements Provided it is not exposed to the weather or ultra-violet light for a total of more than 30 days, and provided the exterior cladding is maintained in accordance with the cladding manufacturer's instructions and the cladding remains weather resistant, DUPLEX is expected to have a serviceable life equal to that of the cladding. This product is not designed to be directly exposed to UV or in direct contact with cladding or facades. The product is suitable for internal and external use but should be protected from UV in service
- E2.3.2: When used as part of the cladding system, DUPLEX will contribute to meeting this requirement. DUPLEX is double sided, reinforced, and thin for ease of application, maintaining optimum water shedding on cascading layers of WRB when installed correctly.
- E3.3.1: When used with an adequate combination of thermal resistance, ventilation and space temperature in habitable spaces, DUPLEX 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. This product can be used to help seal internal airtightness layers such as INTELLO.
- F2.3.1: DUPLEX meets these requirements, and will not present a health hazard to people.

- 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:**

DUPLEX is not designed to be directly exposed to UV and should be protected from UV when used.

DUPLEX is not designed to be in direct contact with cladding or facades.

Adhesion is not possible on frozen surfaces. There must be no water-repellent substances (e.g. grease or silicone) on surfaces to be bonded to. Subsurfaces must be sufficiently dry and stable.

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

DUPLEX is meant to be used as a temporary fixing until mechanical fastening is achieved. It is suitable as a permanent bond to hold overlaps and end laps of membranes when installed correctly and the membrane is fixed with suitable mechanical fastening methods.

Windproof, airtight or rainproof bonding can only be achieved on vapour-check or underlay/facade membranes that have been installed without folds or creases.

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

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

Exterior use: Moisture-resistant sticking of overlaps between underlay and breather (WRB) membranes and of on-roof vapour-check and airtight membranes onto hard surfaces.

Interior use: Fixing vapour-check and airtight membranes onto metal structures.

Press firmly to secure DUPLEX tape in place before removing the backing paper.

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:

Date: