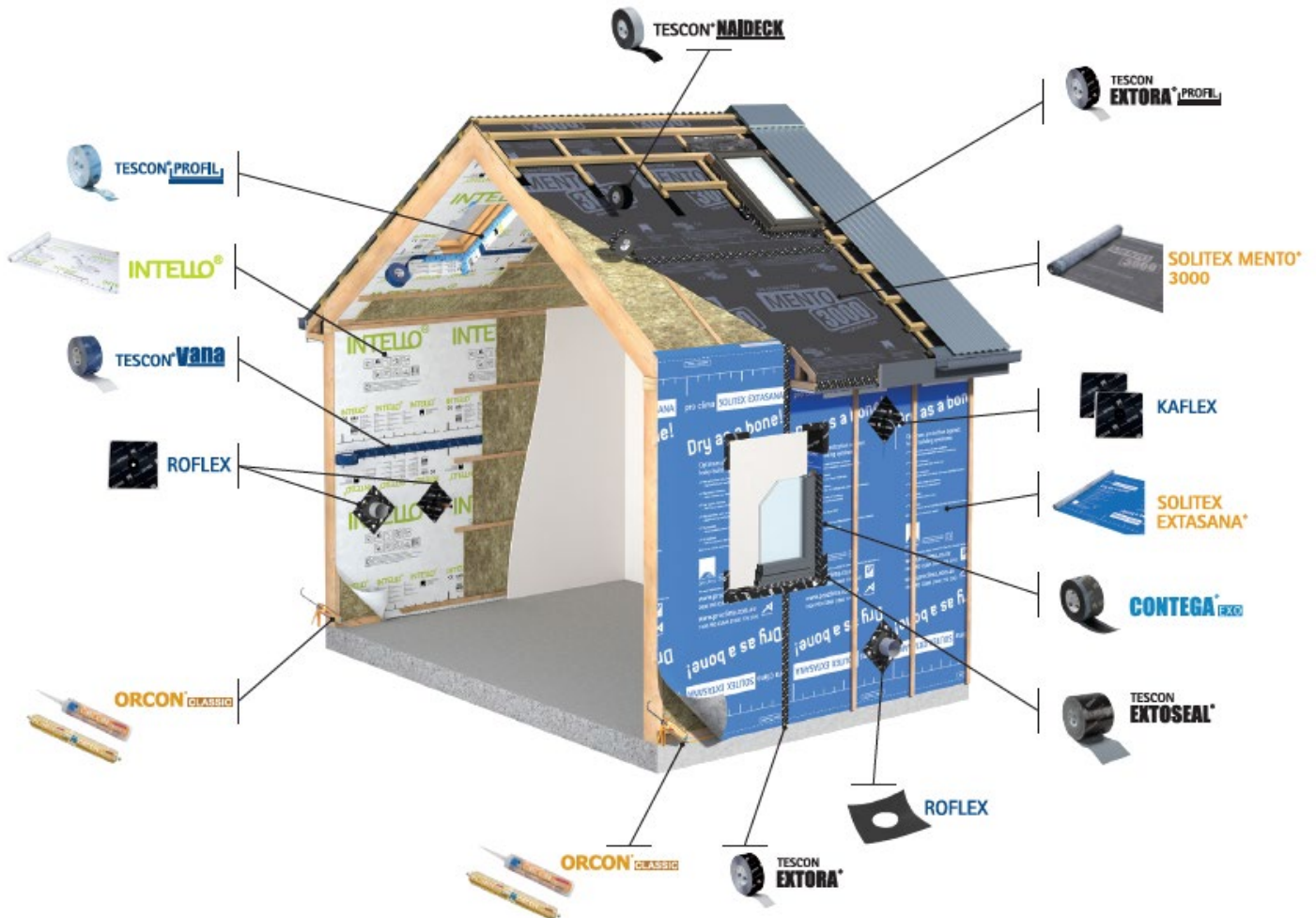




Complete building envelope system products

Knowledge & support

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Class 1

Building Product Information Sheet

Product name (include the brand name):

pro clima INTELLO® conneX

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

INTELLO® conneX is a specially formulated UV-stabilised humidity-variable strip. It is the missing link for your Intelligent Air Barrier (IAB) system. INTELLO® conneX is designed to ensure the continuity of the INTELLO® and INTELLO® PLUS Intelligent Air Barrier (IAB) systems at difficult 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. With humidity-variable functionality and UV stability of up to 90 days, INTELLO® conneX enables the IAB system to perform for the life of the building.

Key Features:

- Promotes superior drying capacity with Hydrosafe® technology
- UV exposure stability of up to 90 days on both sides of the membrane
- Highly diffusion-resistant in winter climate
- Superior back-diffusion capacity in summer
- Available in multiple widths for differing applications

Product identifier (if applicable):

4026639223265 / 4026639233523

(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

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: INTELLO® conneX 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, INTELLO® conneX 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, INTELLO® conneX 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: INTELLO® conneX 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. INTELLO® conneX 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:

UV stable for up to 90 days of exposure.

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

INTELLO® conneX needs to be installed at the correct stage of framing to ensure continuity of the air barrier systems. This means planning, preparing and installing this product well before INTELLO® PLUS is installed.

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

Refer to the INTELLO® conneX installation instructions available from proclima.co.nz.

Where an interior partition abuts an exterior wall, continuity of the INTELLO® system is required. Pre-planning is critical.

Cut a short section of INTELLO® conneX (approx. 400 mm). Fix this to the stud junction.

For uneven subsurfaces, apply a bead of ORCON® CLASSIC adhesive and lay the INTELLO® conneX overlap onto it.

Apply a length of TESCON® VANA to secure the connection between INTELLO® conneX and the floor.

Once the seal is complete, the interior wall frame may be placed. This ensures continuity of the INTELLO® conneX Intelligent Air Barrier system.

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