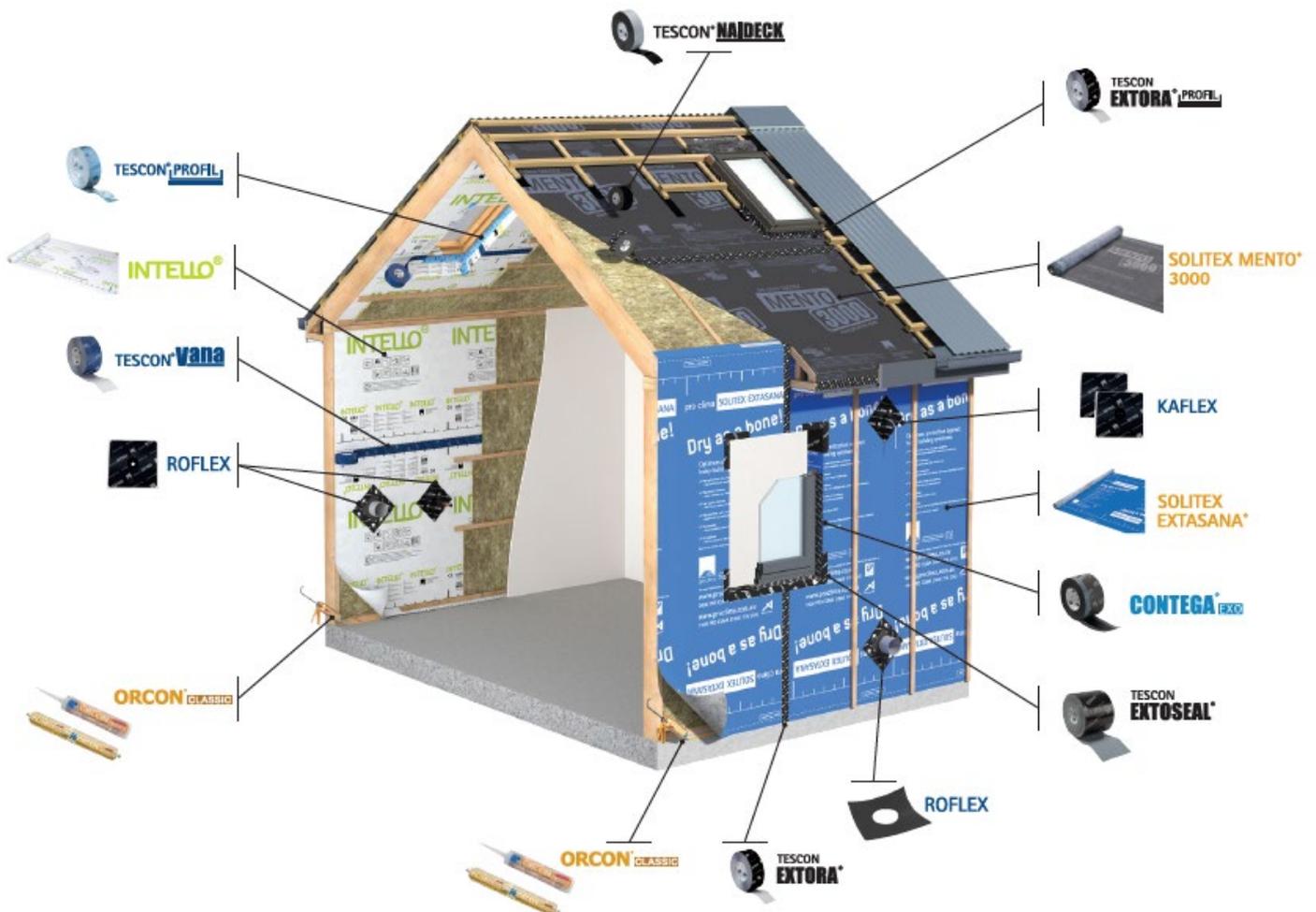


# Complete building envelope system products

## Knowledge & support

## German technology, proven in New Zealand



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www.proclima.co.nz



# Class 1

## Building Product Information Sheet

Product name (include the brand name):

pro clima DB+

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

DB+ is the original air and vapour control. It is a reinforced cellulose-based, humidity-variable vapour control layer and airtightness membrane for protecting insulation in timber frame construction. Made with a high percentage of recycled paper, DB+ is an ecological solution for sealing the building envelope with protection in winter and back diffusion in summer.

Key Features:

- Reinforced air barrier
- High protection against structural damage and mould
- High tear resistance
- Suitable for all fibrous thermal insulation and blown-in insulation
- Lowest VOC rating in hazardous substance test
- Contains high percentage of recycled paper

Product identifier (if applicable):

4026639011121

(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: DB+ 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, DB+ 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, DB+ 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: DB+ 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. DB+ 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:

Protect from water and UV during and after construction.

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

For use on interior side of building's thermal envelope in combination with all fibrous insulation materials, including blown-in insulation, and on structures that are open or closed to diffusion on the exterior, after appropriate design calculations.

All installations and framing that will be encapsulated by insulation and all insulation (except blown-in), should be installed prior to membrane installation.

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

DB+ is installed in the same position and using the same techniques as INTELLO and INTELLO PLUS vapour control layers. Refer to the 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