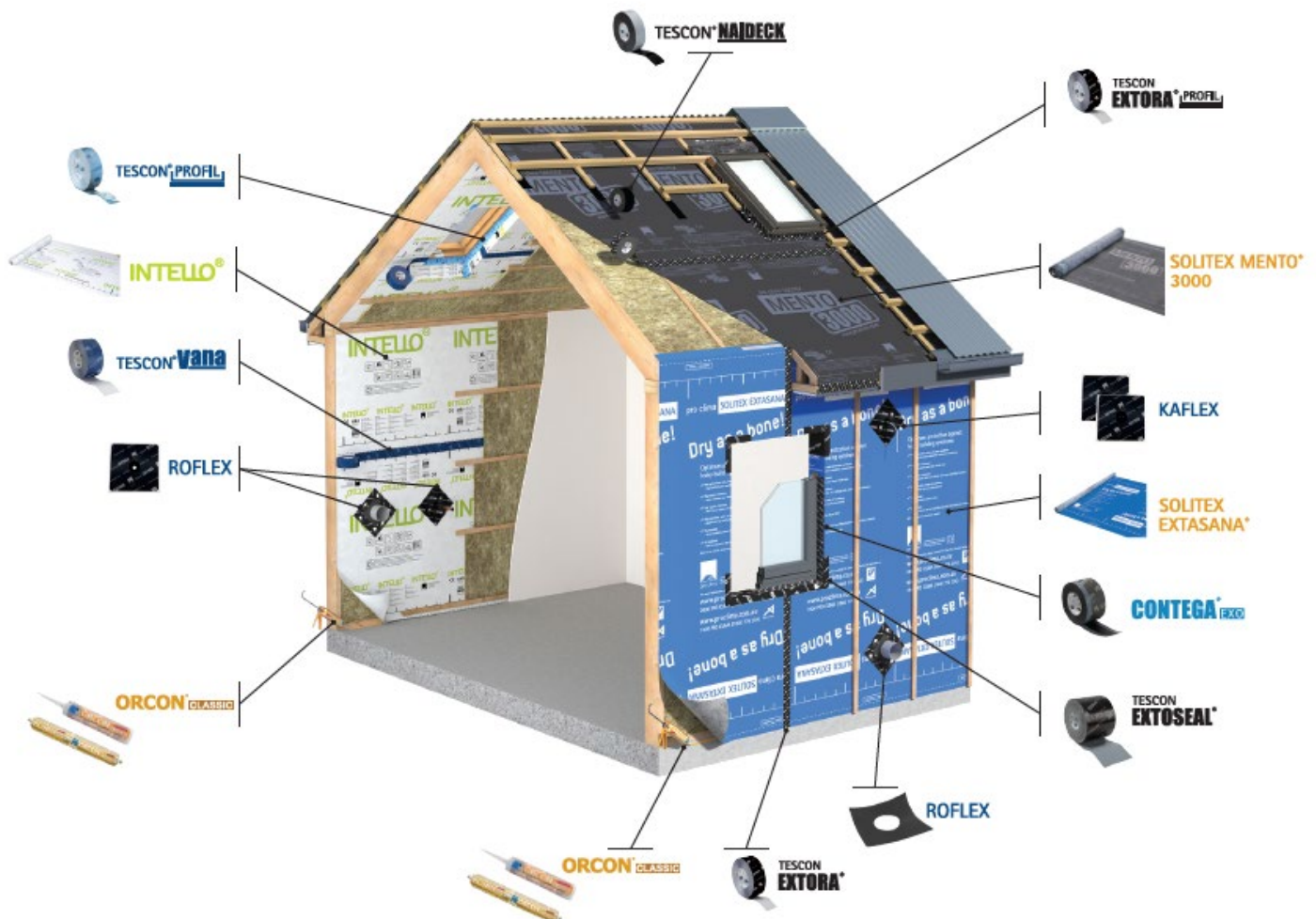




# Complete building envelope system products

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 ORCON® CLASSIC

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

ORCON® CLASSIC is a durable airtight sealing glue suitable for bonding all pro clima products to other building materials; smooth or rough, masonry or timber. It is fast drying and performs even in extreme humidity or damp conditions.

Key Features:

- Very high adhesion
- Provides a firm and durable elastic attachment
- Dries quickly and penetrates deep into the substrate
- Airtight connection for the life of the building
- Excellent results in the hazardous substances test (ISO 16000)

Product identifier (if applicable):

4026639127693 / 4026639127709

(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: 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: ORCON® CLASSIC meets these requirements. Provided it is not permanently exposed to the weather or ultra-violet light, and provided the exterior cladding is maintained in accordance with the cladding manufacturer's instructions and the cladding remains weather resistant, ORCON® CLASSIC is expected to have a serviceable life equal to that of the cladding. Envelope details should be detailed to prevent direct sunlight onto the ORCON® CLASSIC in service.
- E2.3.2: When used as part of the cladding system, ORCON® CLASSIC will contribute to meeting this requirement. ORCON® CLASSIC has excellent elasticity once dry for a secure and permanent airtight seal of overlaps between pliable membranes and connecting into rigid structural components or mineral surfaces.
- E3.2: When used with an adequate combination of thermal resistance, ventilation and space temperature in habitable spaces, ORCON® CLASSIC 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: ORCON® CLASSIC meets these requirements, and will not present a health hazard to people. ORCON® CLASSIC is free from solvents and other dangerous components.



- 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:

The adhesive joints created must not be subjected to tensile forces.

ORCON® CLASSIC achieves its final level of strength only when it has dried. This should be taken into account if airtightness measurements are to be carried out or if blown-in insulation material is to be installed directly after application of this adhesive. It may be advisable to implement protective measures such as mechanical reinforcements in the case of subsurfaces that have insufficient stability.

Adhesion is not possible on frozen surfaces. There must be no water-repellent substances (e.g. grease or silicone) on surfaces to be sealed.

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

The best results in terms of structural reliability are achieved on high-quality subsurfaces. It is your responsibility to check the suitability of the subsurface; adhesion tests are recommended in certain cases.

Not suitable for permanent immersion in water.

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

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

Subsurfaces must have sufficient stability and be dry, level and free of dust, silicone and grease. Brush off subsurfaces; if necessary, clean with a vacuum cleaner and wipe down. If necessary, apply a primer in the case of crumbling plaster or very fine dust. This can lead to a significant increase in the drying time.

Apply a line of adhesive that is at least 5 mm thick (more in the case of rough subsurfaces, if necessary). Apply the strip, leaving slack to allow for expansion. Do not press the adhesive completely flat.

**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:

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