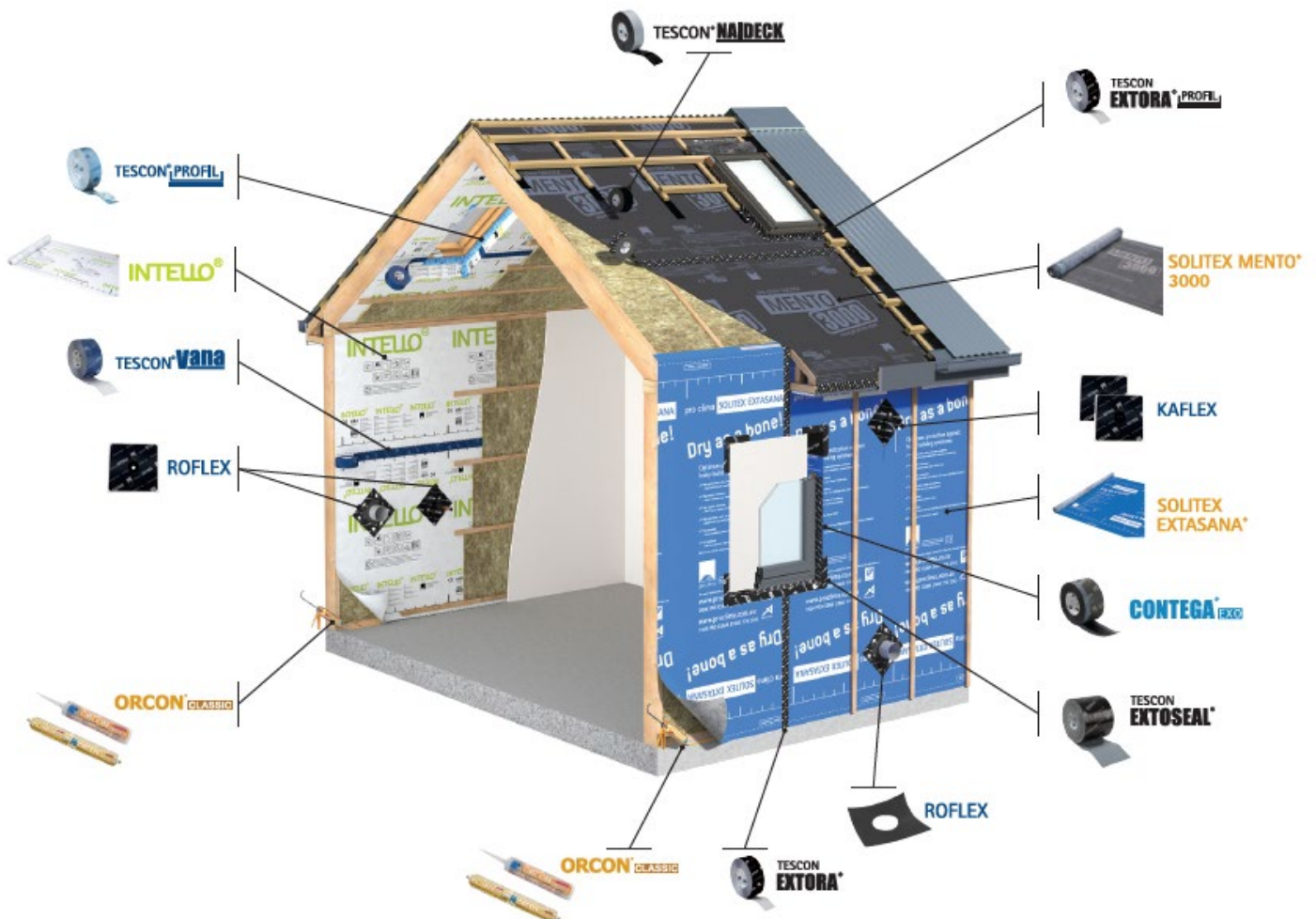


Complete building envelope system products

Knowledge & support

German technology, proven in New Zealand



Your local support

04 589 8460 | 09 892 9900 | 03 327 4925

Technical: support@proclima.co.nz | General: welcome@proclima.co.nz

www.proclima.co.nz



Class 1

Building Product Information Sheet

Product name (include the brand name):

pro clima AEROSANA® VISCONN

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

For use as a humidity-variable vapour retarder and airtight layer that can be applied as a spray or using a brush on wall, ceiling and floor surfaces, such as non-plastered masonry or porous panel-form materials. AEROSANA® VISCONN can also be used:

- For creation of joints to components such as windows, roofs, walls, ceilings and floor
- For strengthening subsurfaces in the case of renovation
- On the interior and exterior of building components due to the product's humidity-variable diffusion resistance

AEROSANA® VISCONN is a high-quality, water-based acrylic dispersion paste that can be applied as a spray or using a brush. The sprayed-on liquid film forms a seamless, elastic air-tight and vapour-retarding protective layer once it has dried. Sticks to all standard construction materials, all pro clima membranes and membranes made from aluminium and paper.

Key Features:

- Sprayable airtightness sealant with a humidity-variable sd value
- Reliable structures thanks to excellent adhesive properties
- Can be plastered/painted over
- Flexible use in indoor and protected outdoor areas thanks to its humidity-variable sd value
- Excellent values in the hazardous substance test

Product identifier (if applicable):

4026639227492 / 4026639217400 / 4026639211064 / 4026639226129

(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: AEROSANA® VISCONN 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, AEROSANA® VISCONN is expected to have a serviceable life equal to that of the internal lining. AEROSANA® VISCONN has permanent elasticity and high durability once it has dried.
- E3.2: When used with an adequate combination of thermal resistance, ventilation and space temperature in habitable spaces, AEROSANA® VISCONN 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: AEROSANA® VISCONN is safe to handle and will not present a health hazard to people.
- H1.3.1 (b): limiting uncontrollable airflow. AEROSANA® VISCONN 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:

Cracks that are wider than 3 mm must be taped over, covered with AEROSANA® FLEECE or filled in.

Perfect airtightness can only be achieved with a complete AEROSANA® VISCONN film with no gaps.

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

Spraying should be carried out at a distance of approx. 15 cm from the subsurface. Subsequent spray to increase product thickness can be carried out without drying periods between application.

Linear joints: The best coverage is achieved when spraying is carried out in two layers. The spraying jet should be at approx. 60° to the subsurface. The second spraying step should then be carried out in the opposite direction.

Sealing surfaces: The best coverage is achieved when one layer is first sprayed on horizontally and then sprayed over vertically in a cross pattern.

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

Refer to the AEROSANA® VISCONN installation instructions available from proclima.co.nz.

Spraying should be carried out at a distance of approx. 20 cm from the subsurface. The best coverage is achieved when a layer is first sprayed on horizontally and then sprayed over vertically in a cross pattern. Application in a number of layers can be carried out without any need for drying periods between them. The required minimum layer thickness of 500 µm has been achieved when a seamless, slightly wavy, but non-running surface («orange peel») is formed on the surface of AEROSANA® VISCONN during the spraying process. Cracks and pores (up to 3 mm) in the subsurface must be closed with AEROSANA® VISCONN by spraying over / flooding them to achieve perfect airtightness. The thickness should be checked at various points across the entire sprayed surface using the measuring gauge immediately after the last layer of AEROSANA® VISCONN has been applied.

All AEROSANA® VISCONN products can also be applied conveniently using a brush. Check the minimum layer thickness of 500 µm using a measuring gauge.

Materials/surfaces beside the areas to be coated should be protected; this applies particularly to visible surfaces such as wood, glass, ceramics, clinker bricks, natural stone, paint/varnish and metal. Wash away any splashes immediately with copious amounts of water. Do not wait until they have hardened.

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:

1 | 1 | 1 | 2 | 2 | 3