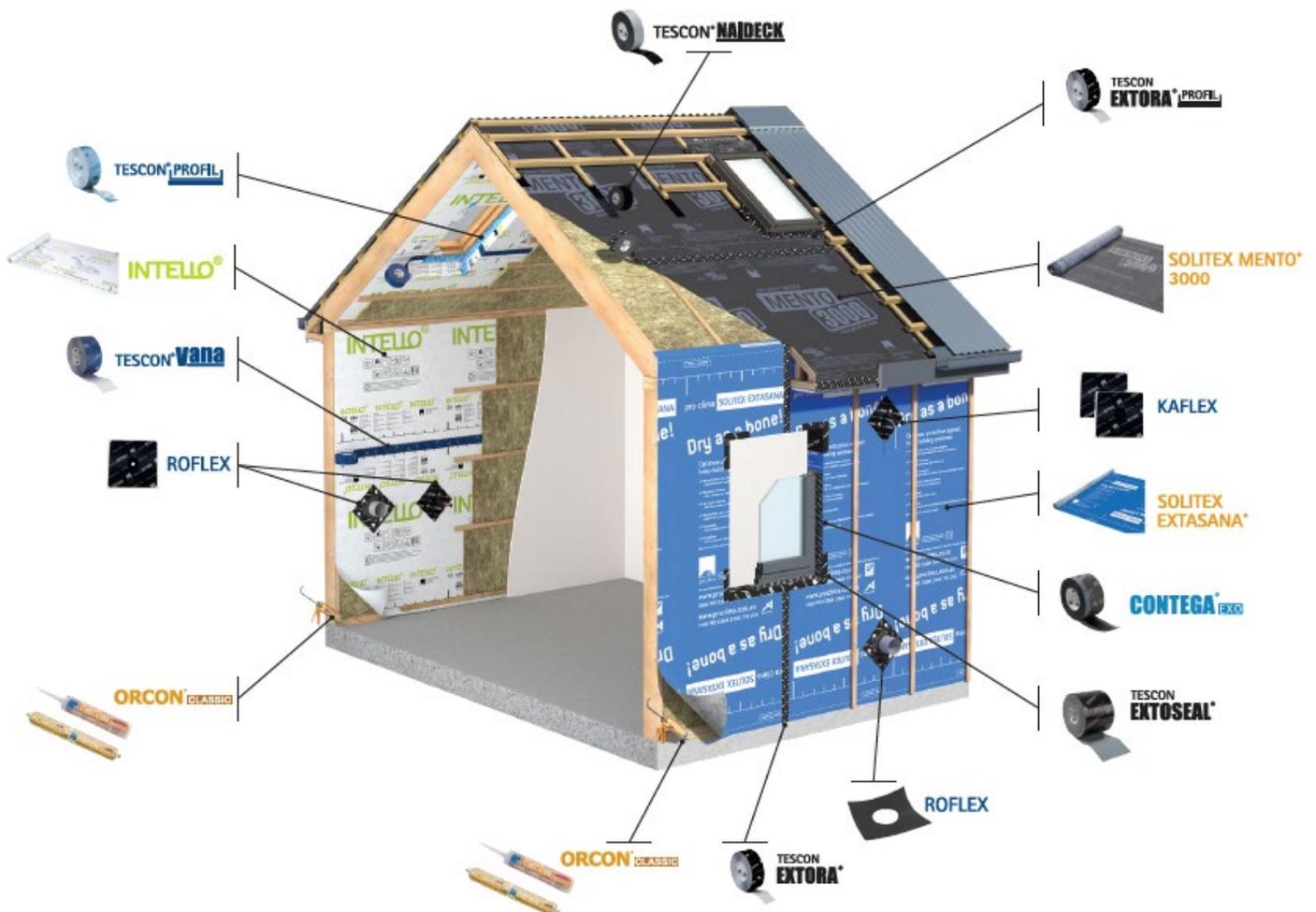


# Complete building envelope system products

## 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 KAFLEX post

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

KAFLEX post provides quick, permanently secure sealing of installed cables and conduits up to 20 mm in the interior airtightness layer. KAFLEX post is diffusion open and provides airtight sealing in accordance with DIN 4108, SIA 180 and OENORM B8110-2.

Key Features:

- Create airtight seals around cables that are already in place
- Simple, fast and secure application
- Airtight for the life of the building
- Flexible and elastic

Product identifier (if applicable):

4026639221810

(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: KAFLEX post 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, KAFLEX post 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, KAFLEX post 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: KAFLEX post 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. KAFLEX post 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:

Airtight bonding can only be reliably achieved on vapour checks that have been laid without folds or creases.

KAFLEX post is for internal use only.

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

The adhesive bonds should not be subjected to tensile strain.

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

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

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

KAFLEX post has a slit and a punched opening for the cable that is to be sealed. Gently pull the grommet apart at the pre-made slit.

Guide the grommet with the slit around the cable and align it.

Gradually remove the lower release paper. Press the grommet into place so that it rests flat on the subsurface to be sealed and stick it in place all the way around. Rub the tape firmly in place using the pro clima PRESSFIX application tool. Ensure that there is sufficient resistance pressure.

Finally, remove all of the release paper strips at the folded flaps

Stick the folded flaps to one another and to the cable in an airtight manner, and rub firmly in place. Ensure there is good adhesion using a pressfix tool.

**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