

AIRTIGHT® ROOF BASE

Eaves Insulation for an airtight connection
between sloping (prefab) roofs and the wall plate

- ✓ Simple airtight roof eaves gap connection
- ✓ Ensures optimal filling of the space behind the wall plate, remains elastic
- ✓ Quick and easy installation
- ✓ Contributes to the thermal insulation of the house
- ✓ Used PE-foil is insensitive to moisture
- ✓ Designed for easy disassembly and recyclable



AIRTIGHT®

CONTROLS AIRFLOW

Sustainable airtight connections in construction

AIRTIGHT® Roof Base

AIRTIGHT® Airstop

AIRTIGHT® Airtape



ROOF BASE - EAVES INSULATION

The AIRTIGHT® Roof base eaves insulation provides a thermal seal and airtight connection for the eaves gap detail.

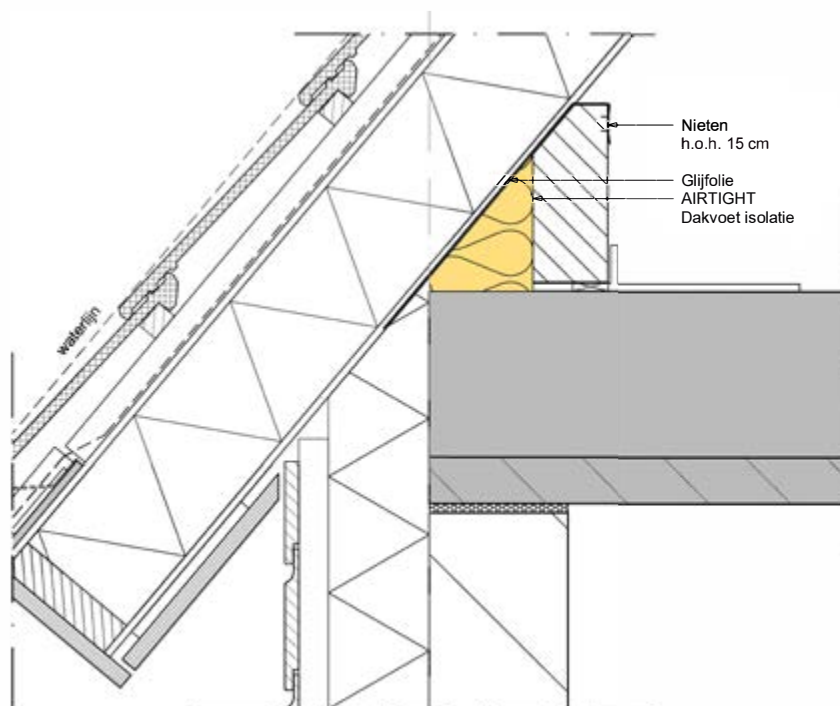
The AIRTIGHT® eaves insulation is a pre-formed strip of glass wool sealed in a vapor-resistant film, with a sliding film on the top surface. It is installed before placing the prefab roof elements. During the placement of the roof element, the eaves insulation is compressed to tightly seal the eaves gap and the space behind the wall plate, providing both airtightness and thermal insulation.

When using the AIRTIGHT® eaves insulation, it is unnecessary to seal the wall plate with foam (PUR) or compression tape.

AIRTIGHTNESS

The AIRTIGHT® Roof Base eaves Insulation has been tested according to the NEN-EN 1026 method and achieves an airtightness class 4 (according to NEN-EN 12207). This is the highest achievable airtightness class, demonstrating that the air permeability of the detail executed with AIRTIGHT® Roof base eaves insulation is minimal. Joints made with this product contribute to achieving the highest achievable BENG airtightness class (class 3), which is equivalent to passive building standards.

The mineral wool in AIRTIGHT® Eaves Insulation falls into the highest fire safety class (A1). The film used is flame-retardant.



DIMENSIONS

For effective airtightness, the glass wool must be thick enough to properly seal the space behind the wall plate. Therefore, the eaves insulation is supplied with ample surplus. The sliding film ensures that the roof element can easily slide over the wall plate, allowing for adjustment or repositioning of the roof elements without damaging the film.

The AIRTIGHT® Eaves Insulation is available from stock in the following sizes.

Other sizes are available upon request.

Lenght (mm)	Width (mm)	Height (mm)	Wall plate height	Airtightness class (NEN-EN 12207)	Rd-value (m ² K/W)
1350	150	150	tot 180 mm	Class 4	4,05
1350	150	200	180 - 200 mm	Class 4	5.40

Your needed length:

Width of the house + 100mm



INSTALLATION

To cover the entire width of the eaves with insulation, multiple pieces of eaves insulation are placed next to each other. Any necessary fitting piece can be easily cut to size with an insulation knife.

The use of foam (PUR) or compression tape is unnecessary.



- ✓ Place the AIRTIGHT® Roof base eaves insulation against the wall plate.
- ✓ Staple the sliding film every 15 cm to the inner side of the wall plate.
- ✓ Cut any fitting pieces with a small excess (+/- 10 cm) and install them as the penultimate piece.
- ✓ Install the roof element. The eaves insulation will be compressed by the roof panel, ensuring an optimal airtight seal.

Alert Isolatie – Your Partner in Building Insulation Solutions

Since 1979, we have been the Dutch insulation specialist for the construction industry. Alert Isolatie supports the sector by addressing insulation challenges. We achieve this by providing (prefab) insulation solutions that meet customer needs as well as regulations related to fire safety, airtightness, sustainability, and the environment.

Experts in prefab insulation

We are happy to provide advice on custom solutions to ensure that your construction project meets the specifications and regulatory requirements.

- ✓ Technische berekeningen en advies
- ✓ Isolatie op maat zagen en frezen
- ✓ Isolatie verlijmen
- ✓ Isolatie sealen

Innovative insulation products

Effective, practical, and tested insulation solutions that meet stringent requirements for thermal performance, fire resistance, airtightness, and environmental sustainability.

Save on insulation

By opting for prefab insulation, you save time, costs, and benefit the environment. This allows you to build more efficiently and sustainably.

Extensive Stock, Flexible Delivery

Alert Isolatie collaborates with specialized partners to ensure that your delivery arrives safely and punctually at the desired (construction) site.

- ✓ Extensive Stock >10,000 m²
- ✓ No minimum pallet purchase
- ✓ Timely deliveries or urgent orders
- ✓ Possible delivery with a pallet truck
- ✓ Packaging by construction phase with clear labeling

BREEAM-NL

BREEAM-NL is the Dutch standard for assessing the sustainability of projects in the built environment. BREEAM-NL provides insight into the actual sustainability performance of a construction project. Alert Isolatie's products can contribute to BREEAM-NL certification for New Construction and Renovation. Visit our website for more information.



Het keurmerk voor verantwoord bosbeheer



Our general terms and conditions apply to all our information, quotes, agreements, deliveries, and services.

For more information, please visit www.alertisolatie.nl

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