

AIRTIGHT® FIRETAPE



- ✓ Airtightness of the composite construction
- ✓ Reduces contact noise
- ✓ Has an extremely high fire resistance, at least 60 minutes
- ✓ Very simple, reliable and quick assembly
- ✓ No propellants or chemicals
- ✓ Highly durable seal, no degradation of performance
- ✓ Ready without waste, easy to separate in case of demolition
- ✓ Applicable to variable cavity widths
- ✓ Used PE-foil is insensitive to moisture



FIRETAPE

Patented Firetape consists of a vacuumed strip of mineral wool packed in a PE-foil with a vapour barrier to which strips of intumescent band have been added and is available in various lengths. After installation, the wool expands and Firetape will fill completely the entire space around the building part. The realized connection is thermally insulated airtight and fireproof.

Application area for, among other things, HSB elements and other prefab building elements (for example in non-residential construction).



PRODUCT

With Firetape it is surprisingly easy to receive both an airtight and a thermal seal between building parts in one operation, which is then fire-resistant for 60 minutes.

The realized connection is thermally insulated, airtight and fireproof.

Airtightness

Airtape has an optimal airtightness according to SBR class.

General properties

The base of mineral wool falls into the highest fire class (A1). For an airtight seal class 4, 'passive building', the mineral wool must be sufficiently thick to be able to seal the gap complete. The Firetape is produced in sufficient excess for this.

DIMENSIONS



The Firetape is in the following sizes available:

Length	Gap
1.200 mm	10 - 30 mm
2.400 mm	10 - 30 mm
3.000 mm	10 - 30 mm
6.000 mm	10 - 30 mm

ASSEMBLY

METHOD OF ASSEMBLY

- ✓ Firetape is easily attached to the frame / (HSB) façade element / concrete building element, with double-sided tape in a compressed form as a strip. This can be done in the factory.
- ✓ Once applied in the gap, the Firetape expands after 'puncture' of the PE-foil, whereby the entire gap, which is not necessary without irregularities, is completely filled out between the building parts.
- ✓ The sealed mineral wool is always supplied in a substantial 'excess', making it perfectly capable of absorbing stretch and shrinkage of the building structure.

This provides more certainty of the desired airtightness. The PE-foil guarantees a complete airtight connection, matching Dutch SBR class 3 to 4 (similar to passive building). Over time, class 4 results always, as the mineral wool continues expand to the maximum, until the gap is completely filled.

OUR POSSIBILITIES

- ✓ Cut to size of glass wool, stone wool, pir, pur, xps, eps, resol foam, melamine foam, foam glass;
- ✓ Milling of glass wool, stone wool, pir, pur, xps, eps, resol foam, melamine foam, foam glass;
- ✓ Bond insulation to glass cloth, glass fleece, or other upholstery;
- ✓ Bond insulation to wood, plaster, or other sheet material;
- ✓ Seal insulation in black or white PE-foil;
- ✓ Seal insulation in vapour barrier film;
- ✓ Tailor-made delivery of vacuum insulation.

OUR MACHINERY

- ✓ CNC machines
- ✓ 3D milling machines
- ✓ Milling machines
- ✓ Band saws
- ✓ Cleaf bench
- ✓ Sanding machines
- ✓ Vacuum machines
- ✓ Gluing paths
- ✓ Circular saws

WE ARE STRONG IN

- ✓ The tailor-made delivery of any type of insulation;
- ✓ Packaging separately for phase or for floor is no problem;
- ✓ All deliveries are clearly labeled, so that all items can be easily found on the construction site or in the factory;
- ✓ Together with the customer, we look for the best and cheapest solutions;
- ✓ Time deliveries and/or a truck with unloading options is possible;
- ✓ We have more than 30 years of experience in insulation.



Alert Isolatie B.V.
's-Gravelandseweg 246
3125 BK Schiedam
The Netherlands

Tel.: 010 - 302 0200
verkoop@alertisolatie.nl
www.alertisolatie.nl