

# Belgafix



## PRODUCT DESCRIPTION

### VAPOUR BARRIER AND AIRTIGHTNESS FOIL

Belgafix is a vapour-inhibiting and airtight foil with a constant  $s_d$  value for use in pitched roofs with all sorts of fibrous insulation as well as for floor-wall connections.

## PRODUCT CHARACTERISTICS

- universal vapour barrier with a constant  $s_d$  value of 5 m
- high tear resistance
- transparent so that the roof structure is visible
- high stability thanks to the fleece reinforcement
- fast and cost-effective processing
- alkali-resistant
- highly flexible
- not suitable for blown insulation

## AREA OF APPLICATION

Belgafix is a universal vapour barrier and airtightness foil that was developed for use in all pitched roofs with a vapour-permeable outer layer. The foil can also be used as an airtight join in floor-wall connections in combination with the Belgafoil<sup>™</sup> airtight plaster connecting foil and the Belgaseal<sup>600-310</sup> airtight glue.

## PROCESSING

Install the Belgafix horizontally on the supporting structure (maximum distance between staples 10 to 15 cm) on the warm side of the insulation and make sure the foil links up properly with the insulating layer. Overlap the various horizontal strips by at least 10 cm, join together airtight using the Belgatape<sup>DUO</sup> airtight adhesive tape and press together firmly. All bushings for cables and pipes through the airtight layer must be connected airtight using the Belgavolt and Belgatube airtightness gaskets; connections to the airtight plaster layer can be made with the Belgafoil<sup>™</sup> plaster connecting foil and/or the Belgaseal<sup>600-310</sup> airtight glue. In the case of non-tubular or non-circular bushings, you can ensure airtightness with Belgatape<sup>DUO</sup> or Belgaseal<sup>600-310</sup>.

## PACKAGING

On rolls with a length of 50 m and a standard width of 1.5 m, resulting in a total area of 75 m<sup>2</sup>/roll.

## WASTE PROCESSING

Residues of Belgafix may be disposed of with household waste.  
The local regulations must be observed.



### TECHNICAL FEATURES

Multilayer foil of polypropylene fleece with a polyolefin layer  
Installation with minimum overlap of 100 mm.

<b>Dimensions</b>	EN 1848-2	50 m x 1,50 m
<b>Weight</b>	EN 1849-2	90 ± 10% g/m <sup>2</sup>
<b>s<sub>d</sub> value</b>	EN 1931	± 5 m
<b>Fire class</b>	EN 13501	class E
<b>Watertightness at 2kPa</b>	EN 1928	ok
<b>Maximum longitudinal tensile force</b>	EN 12311-2	120 N/50mm
<b>Maximum transverse tensile force</b>	EN 12311-2	110 N/50mm
<b>Longitudinal elongation</b>	EN 12311-2	80%
<b>Transverse elongation</b>	EN 12311-2	90%
<b>Longitudinal resistance to tearing</b>	EN 12310-1	90 N
<b>Transverse resistance to tearing</b>	EN 12310-1	90 N
<b>Joint seam shear strength</b>	EN 12317-2	50 N/50mm
<b>Resistance to ageing</b>	EN 1928	ok
<b>Resistance to chemicals</b>	-	ok

### SAFETY GUIDELINES

Based on available data and experience, the product is not a hazardous substance within the meaning of the Hazardous Substances Regulation and the relevant EC Directives. Nevertheless, we recommend observing the usual care and hygiene when handling chemicals.

### SPECIAL INSTRUCTIONS

Please take into account our installation guidelines. It is the user's responsibility to determine whether the product is suitable for the application by carrying out tests.

### LIABILITY

Our general terms and conditions of sale and guarantee apply. These may be viewed at [www.belgaclima.be](http://www.belgaclima.be). This information sheet gives advice only, with no acceptance of liability. The processing instructions presented must be adapted to the actual environmental conditions. The user is required to verify suitability and possible use by carrying out tests in order to avoid failures, for which we take no responsibility. Subject to technical changes. The most recent version of this information sheet can be found at [www.belgaclima.be](http://www.belgaclima.be).

Remark: The use of airtightness materials (foils, glue, adhesive tapes, gaskets) that are not part of the BelgaClima range in combination with our BelgaClima airtightness products invalidates any form of system guarantee. Any leaks that result from this lie completely outside our responsibility.

