

Belgafix⁺

PRODUCT DESCRIPTION

VAPOUR BARRIER AND AIRTIGHTNESS FOIL SPECIFICALLY FOR BLOWN INSULATION

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, also for blown insulation.

PRODUCT CHARACTERISTICS

- universal vapour barrier with a constant s_d value of 5 m
- extremely 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
- also suitable for blown insulation!

AREA OF APPLICATION

Belgafix⁺ is a universal vapour barrier and airtightness foil that was specifically developed for use in all pitched roofs with a vapour-permeable outer layer where blown insulation is used. The foil can also be used as an airtight join in floor-wall connections in combination with the Belgafoil^{IN} airtight plaster connecting foil and the Belgaseal⁶⁰⁰⁻³¹⁰ airtight glue.

PROCESSING

Install the Belgafix⁺ horizontally on the supporting structure on the warm side of the insulation and make sure the foil can link up properly with the insulating layer. If the distance between the centres of adjacent supporting slats is ≤ 30 cm, the maximum distance between staples is 10 to 15 cm. If the distance between the centres of adjacent supporting slats is ≤ 50 cm, the maximum distance between staples is 5 to 10 cm. Overlap the various horizontal strips by at least 10 cm, join together airtight using the Belgatape^{DUO} 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^{IN} plaster connecting foil and/or the Belgaseal⁶⁰⁰⁻³¹⁰ airtight glue. In the case of non-tubular or non-circular bushings, you can ensure airtightness with Belgatape^{DUO} or Belgaseal⁶⁰⁰⁻³¹⁰.

PACKAGING

On rolls with a length of 50 m and a standard width of 1.5 m, resulting in a total area of 75 m²/roll. Belgafix⁺ is also available on a roll with a length of 50 m and a width of 3 m, resulting in a total area of 150 m²/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.

Dimensions	EN 1848-2	50 m x 1,50 m / 50m x 3m
Weight	EN 1849-2	110 ± 10% g/m ²
s_d value	EN 1931	± 5 m
Fire class	EN 13501	class E
Watertightness at 2kPa	EN 1928	ok
Maximum longitudinal tensile force	EN 12311-2A	180 N/50mm
Maximum transverse tensile force	EN 12311-2A	180 N/50mm
Longitudinal elongation	EN 12311-2A	30%
Tranverse elongation	EN 12311-2A	30%
Longitudinal resistance to tearing	EN 12310-1	200 N
Transverse resistance to tearing	EN 12310-1	200 N
Resistance to ageing	EN 1931	ok
Resistance to chemicals	-	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. 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.

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.

