

Belgafoil^{IN}



PRODUCT DESCRIPTION

The foil consists of an airtight and vapour-inhibiting foil-fleece combination. The self-adhesive fastening strips allow a very simple, completely hidden installation of the plasterable and paintable foil.

PRODUCT CHARACTERISTICS

- airtight
- **gluing with system component Belgaseal⁶⁰⁰⁻³¹⁰**
- permanently elastic
- plasterable and paintable
- **reinforced superglue layer (IGT)**
- **extra-wide adhesive strip (23 mm) can be used on all sorts of window profiles provided they are thoroughly degreased**
- **mega-adhesion to textured paint, aluminium, PVC and wood**
- **perfectly installable and transportable from the workplace**
- suitable for renovation and newbuilds
- 10-year guarantee*
- available in all widths
- quick and 100% airtight installation around corners and window anchors
- system component of the BelgaClima window sealing system with 10-year guarantee*, suitable for RAL-compliant window installation

* Subject to use of all BelgaClima system components, in accordance with the manufacturer's guidelines

AREA OF APPLICATION

Belgafoil^{IN} was developed for the airtight and vapour-inhibiting connection between joinery and plasterwork on the inside of windows.

PROCESSING

The mounting surface must be dry and free from oil, grease and dust. Roll out and cut Belgafoil^{IN}, allowing approx. 10 cm in extra length. Remove the protective paper and carefully press the fastening strips against the side of the window. Repeat this process on all sides of the window to be sealed. Position the window in the opening and secure, fill the space between the window and the wall with doses of insulating material, e.g. flexible PU foam.

We recommend the Belgaseal⁶⁰⁰⁻³¹⁰ airtight glue, with which the foil must be glued fully to the substrate, for securing to the masonry substrate. The plasterable foil must be glued fully to prevent cracks appearing later in the plasterwork because the plaster is not properly bonded to the substrate. Apply the glue in ridges of approx. 8mm in diameter and then press the foil down to create a layer of glue approx. 2 mm thick. Make sure the plasterwork in the reveals of the window opening is adequately reinforced. For a vapour-permeable outer seal that is resistant to driving rain, we recommend Belgafoil^{OUT} or Belgafoil^{DUO}.

PACKAGING

On rolls with a length of 30 m and a standard width of 100, 150, 200, 250 and 300 mm.
A single adhesive strip as standard for fastening to the window. Fitting with a second extra adhesive strip or with butyl strips for fastening to the wall is possible, for an additional charge and subject to a minimum order quantity.

CLEANING

Traces of glue on the skin can be removed with soap and water.



WASTE PROCESSING

Belgafoil^{IN} residues may be disposed of with household waste. The local regulations must be observed.

TECHNICAL FEATURES

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|---|---|---|
| Product structure of fibres/foil | | PES-PE-PES |
| Weight | DIN 53854 | 138 g/m ² |
| Thickness | DIN 53855 | 0,48mm |
| Tear resistance - longitudinally | DIN 53857 | 304 N/5cm |
| Tear resistance - transversely | | 50 N/5cm |
| Elongation before fracture - longitudinally | DIN 53857 | 23% |
| Elongation before fracture - transversely | | 134% |
| Permissible total deformation | 5% of the non-glued foil width (where applicable, a loop-shaped motion reserve must be used when applying) | |
| WDD current density | DIN 53122 | 0,96 g/m ² x d |
| Airtightness | DIN EN 1026 | an ≤ 0,1 |
| s _d value | | ca. 39m (DIN 4108 T.3 diffusion-inhibiting) |
| Watertightness | DIN EN 20811 | > 3000mm |
| Fire behaviour | DIN 4102 | B2 (P-NDS04-369, MPA Bau Hannover) |
| Plasterability | | suitable |
| Permissible temperature | | -40°C to +80°C |
| Processing temperature | | +5°C to +40°C |
| Shelf life | | 12 months, dry, at room temperature, in the original packaging |
| If exposed to the atmosphere/to UV | | 3 months |

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. Useful information can also be found in the brochure “Verputzen von Fensteranschlussfolien” (Plastering window connecting foils), Bundesverband der Gipsindustrie eV. - Industriegruppe Baugipse.

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.

