

Product

Multilayer, structured polypropylene foil, **air and water vapour tight**, for multi-purpose interior sealing in the construction industry. The FOIL CLOSED IN is supplied **with or without adhesive strips**.

Application examples

Version 1 (see page 2)

Vapour retardant, airtight finish at :

- interior walls
- ceilings

Version 2 (see page 2):

Airtight indoor finish at:

- Joinery (aluminium, wood, PU, PVC)
- Curtain walls
- Frames
- OSB and multiplex sheets
- Connections with our sealing films

Thickness (without adhesive strips): ± 0,35 mm

Weight foil (without adhesive strips): ± 210 gr/m²

Length / Width

Standard length : 25 m

Maximum width : 1.500 mm

Other widths from 50 mm to 1.500 mm available on request.

Advantages

- ✓ Air and water vapour tight
- ✓ Can be applied on most common surfaces with the appropriate sealant (consult us)
- ✓ Very flexible: easy to apply
- ✓ Light weight and putrefaction resistant
- ✓ Very good aging resistance
- ✓ Excellent adhesion possible on the product, even with seam joints
- ✓ Can be plastered over and plastered in between 2 fresh layers of plaster

For connections on the structure or for interconnections

352 SUPER-PRO based on MS-Polymer® or CS-PU Foil Bond, based on polyurethane; both cure under the influence of humidity.



Note

Always use a hard pressure roller for optimal adhesion. Two types are available: hard silicone rubber or steel.



Technical properties

| Property | Value + unit |
|---|---|
| Basic product | Multilayer structured woven fleece and polypropylene |
| Application temperature | +5°C to +40°C |
| Temperature resistance | -40°C to +100°C |
| water vapour transmission properties (DIN EN ISO 12572) | µd = 60 m |
| Watertightness (DIN EN 20811) | ≥ 3.000 mm |
| Elongation at break (DIN 53504) | 300 % |
| Resistance | very good against high and low temperatures, against water, against aging |
| Fire class (DIN 4201) | B2 (normally inflammable) |
| Adhesive strip | none |
| Storage | At 21°C and 50% relative humidity |

When applying a self-adhesive tape onto the joinery, thoroughly degrease the joinery with the universal cleaner Dowsil™ R-40 and a soft, lint-free cloth.

When using foils with adhesive layers, the substrate and materials must be solid, grease-, oil- and dust-free.

Before applying the foil, consult the instructions for use.

For your information

The length tolerances of the foils are according to DIN 7715. Width tolerances :+/- 2.50 mm.

FOIL CLOSED IN VERSIONS

1/ FOIL 130 CLOSED IN

The FOIL CLOSED IN is provided in the standard width of 1.5 metres and a length of 25 metres, but can also be cut to the required width if necessary.



2/ FOIL CLOSED IN with adhesive strips

(type FOIL 150 CLOSED IN and FOIL 170 CLOSED IN)

The FOIL CLOSED IN can be cut to size or not and can be provided with one or more acrylic strips (type FOIL 150 CLOSED IN) or one or more butyl adhesive strips (type FOIL 170 CLOSED IN).

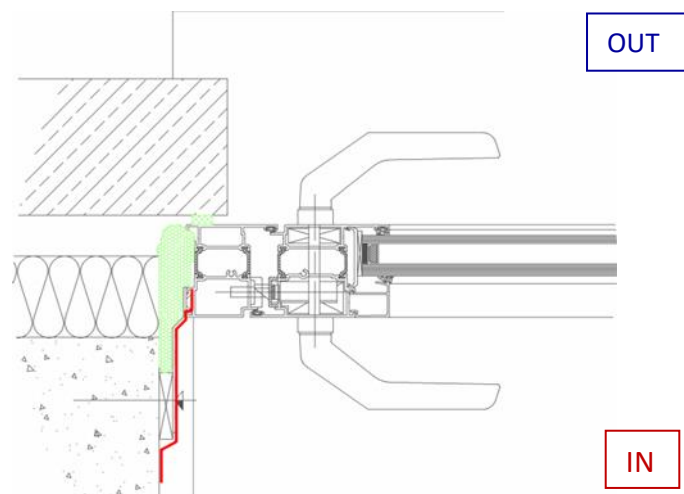


This guarantees a faster installation of the foils. Combinations of both adhesive types are also possible.

Technical properties adhesive (for versions with adhesive strips)

| Property | Value + unit |
|--|---------------------------------|
| Adhesive | Solvent-free acrylic dispersion |
| Adhesive carrier | Polyester tissue |
| Weight | 230 g/m ² |
| Protective layer | PP-silicone foil |
| Thickness | ±0,23 mm |
| Adhesive strength [DIN EN 1939 (2003)] | ≥ 35N/25 mm |
| Dynamic shear resistance (internal test) | ≥ 15N/cm ² |
| Temperature resistance | -40°C to +100°C |
| Aging resistance | Very good |

Application example



Note

The information contained in this document is provided in good faith and is believed to be correct. However, we have no influence on the conditions in which these products are used or the methods by which they are used. Therefore, this information is not a substitute for tests which the customer must perform himself/herself in order to ensure that the products are safe, effective and achieve the intended purposes. Suggestions regarding the use of the product must not be used as grounds for infringement of any patent whatsoever. The only guarantee Castelein Sealants offers is that this product complies with the Castelein Sealants terms and conditions of sale in force at the time of shipment. Your only remedy in the event of a breach of this guarantee is the refund of the purchase price or the replacement of the product that does not comply with the guarantee.

Technical data of supplier: 12-2014

The producer reserves the right to make changes. 2021 11 10