



Product

EASY FOIL N PLUS is a fully adhesive and plasterable **vapour barrier for durable and airtight interior sealing** in both new buildings and renovations. The EASY FOIL N PLUS is provided with an extra 20mm acrylic adhesive layer on the plasterable area.



Thanks to a two- or three-part protective paper of the adhesive layer (* depending on the width), the foil can be applied correctly in a simple and quick operation.

The powerful adhesive layer provides perfect adhesion on difficult substrates such as concrete, wood, sand-lime brick.

Application examples

Airtight interior finish:

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

Colour foil : white

Widths, length and packaging

- 100 mm x 25 m (6 rolls/box)
- 130 mm x 25 m (6 rolls/box)
- 150 mm x 25 m (4 rolls/box)
- 170 mm x 25 m (4 rolls/box)
- 200 mm x 25 m (4 rolls/box)
- 250 mm x 25 m (2 rolls/box)
- 300 mm x 25 m (2 rolls/box)
- 350 mm x 25 m (2 rolls/box)
- Other widths on demand

Advantages

- ✓ **powerful, self-adhesive surface**
- ✓ no construction adhesive required => very fast and cost-efficient installation
- ✓ self-adhesive performance largely built up after 60 minutes
- ✓ **easy application possible, even on difficult substrates**
- ✓ plasterable

For your information

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

Technical properties

Property	Value + unit
Product	synthetic fleece foil
Fire class (DIN EN 13501)	E
Air permeability (DIN EN 12114)	$a \approx 0 \text{ m}^3/[\text{h} \cdot \text{m} \cdot (\text{daPa})\text{n}]$
Temperature resistance	-40°C to +100°C
Application temperature	+5°C to +45°C
μd value (DIN EN 1931)	35 m +/- 5
Weight (DIN EN 1849-2)	115 g/m ² (+/- 10)
Tensile strength (DIN EN 12311-2A)	
• lengthwise	170 N/50 mm
• crosswise	120 N/50 mm
Nail tear resistance (DIN EN 12310-1)	
• lengthwise	50 N
• crosswise	70 N
Elongation (DIN 12311-2A)	
• lengthwise	70%
• crosswise	100%
Airtightness (NBN EN 12114)	Very airtight (<0,1) V50 = 0,027 m ³ /h.m. (Test Ghent University)
Adhesive strength	min. 30N/25mm (1h after bonding)
UV resistance	3 months
Tolerance with other building materials	tolerant
Dimensional tolerance (DIN 7715 T5 P3)	meets the requirements
Watertightness (EN 1928)	Passed at 2 kPa
Storage life	2 years (*)

(*) store in closed box, at room temperature (21°C and 50% relative humidity)

Technical properties adhesive

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/25mm
Dynamic shear resistance (internal test)	≥ 15N/cm ²
Temperature resistance	-40°C to +100°C
Aging resistance	Very good

EASY FOIL N PLUS

Test results



Product	Test method	Conclusion	Result
Easy Foil N	Airtightness (DIN EN 12114)	very airtight (< 0,1)	V50 = 0,027 m³/h.m.

FACULTY OF ENGINEERING AND ARCHITECTURE - DEPARTMENT OF ARCHITECTURE AND URBAN PLANNING
RESEARCH GROUP BUILDING PHYSICS, CONSTRUCTION AND CLIMATE CONTROL

Prof. Nathan Van Den Bossche
Director Test Center for façade elements
Teacher Building Techniques

Dra. Ir. Arch. Stéphanie Van
Linden
Collaborator Ghent University

Application

Press very well with a pressure roller



Maintain the roof tile principle

Remarks

The materials and substrate must be solid, grease-, oil- and dust-free.

When applying the adhesive to e.g. joinery or non-porous surfaces, thoroughly degrease these substrates using the Dowsil™ R-40 cleaner and a soft, lint-free cloth.

The foil should not be subjected to permanent loads such as tensile or compressive forces. Before applying the foil, consult the processing guidelines.

Primer

On porous substrates (concrete, Ytong, etc.) an adhesive layer of 80mm is recommended. The adhesive strength strongly depends on the substrate and must be tested on each site in advance. If the adhesion is insufficient, the test must be repeated with CS-EPDM Foil Primer. In case of very moist / very absorbent substrates, the primer will greatly improve the adhesion. When bonding to EPDM or roofing, always use CS-EPDM Foil Primer and do a test in advance.

* Widths of the protective film of the adhesive layer :

- 100 mm : 25 mm + 75 mm
- 130 mm : 25 mm + 52,50 mm + 52,50 mm
- 150 mm : 25 mm + 62,50 mm + 62,50 mm
- 170 mm : 25 mm + 72,50 mm + 72,50 mm
- 200 mm : 25 mm + 87,50 mm + 87,50 mm
- 250 mm : 25 mm + 112,50 mm + 112,50 mm
- 300 mm : 25 mm + 137,50 mm + 137,50 mm
- 350 mm : 25 mm + 162,50 mm + 162,50 mm

Also available : ISO-CONNECT Dynamic SD Fix :

A special, partially adhesive and plasterable film for a durable, airtight sealing around windows and joinery in solid construction. This foil is provided with:

- two powerful 19 mm adhesive layers (alternating) for on the side or visible side of the joinery
- or 2 large additional adhesive layers (40 or 60 mm respectively) and a small integrated net for incorporation into the plaster

Available in widths of 100, 140 and 200 mm (x 30 m).

Note

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Technical data of supplier: 10-2015

The producer reserves the right to make changes. 2024 03 07