



Product

EASY FOIL DYNAMIC is an adhesive and plasterable foil composed of a combination of PES and PA for a durable, **water and airtight sealing around windows** and joinery in solid construction, both for indoor and outdoor applications.

EASY FOIL DYNAMIC is coated on one complete side with a strong acrylic adhesive layer with high initial tack which is protected by a protective liner with several removable strips. This allows easy and perfect adhesion and improves the adhesion of the plaster, even on difficult substrates such as concrete, wood, sand-lime brick.

Application examples

Water- and/or airtight finish for:

- joinery
- curtain walls
- facade insulation
- window frames

Colour : black

Widths & length

- 100 mm x 25 m (6 rolls/box)
- 150 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)

Advantages

- ✓ can be used for both indoor and outdoor sealing
- ✓ no construction adhesive required => very fast and cost-efficient installation
- ✓ high initial tack of the adhesive
- ✓ full adhesive strength achieved after approximately 3 days
- ✓ **easy application** even on **difficult substrates**

For your information

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

Technical properties foil

Property	Value + unit
Product	PES fleece with PA
Colour	black
Weight (DIN EN 1849-2)	80 gr/m ² (+/- 10g/m ²)
Thickness (DIN EN 1849-2)	0,5 mm (+/- 10%)
Fire class (DIN EN 13501)	E
Water column testing (DIN EN 20811)	> 200 cm WS
µd value (EN ISO 12572 / EN 1931)	Vapour variable: 0,3m < µd < 20 m *
UV stability	6 months
Airtightness (DIN EN 12114)	< 0,03 m ³ /(h.m.)
Aging test foil according to IFT guideline MO-01/1:1007 due to alternating tensile and compressive forces of ±100 kg/m ² film.	passed V50 < 0,1 m ³ /(h.m)
Water tightness against driving rain (DIN EN 1027)	> 900 Pa
Temperature resistance	-40°C to +80°C
Application temperature	+5°C to +40°C
Tensile strength (DIN EN 12311-1) <ul style="list-style-type: none"> lengthwise crosswise 	≥ 200 N/50 mm ≥ 150 N/50 mm
Elongation at break (DIN EN 12311-1) <ul style="list-style-type: none"> lengthwise crosswise 	≥ 50% ≥ 30%
Storage life	Unlimited (**)

(*) The registration of the variable µd value is only possible with a dynamic calculation program (e.g. source entry [10] according to DIN 4108-3: 2001-07).

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

Technical properties adhesive

Property	Value + unit
Adhesive	very strong solvent-free acrylic dispersion
Adhesive carrier	Polyester tissue
Weight	230 g/m ²
Protective layer	PP-silicone foil 80 µm
Thickness (without adhesive layer)	±0,23 mm
Adhesive strength [DIN EN 1939 (2003)]	≥ 28N/25mm
Dynamic shear resistance (internal test)	≥ 12N/cm ²
Temperature resistance	-40°C to +100°C
Aging resistance	good

EASY FOIL DYNAMIC

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 : 30 mm + 70 mm
- 150 mm : 30 mm + 60 mm + 60 mm
- 200 mm : 30 mm + 85 mm + 85 mm
- 250 mm : 30 mm + 110 mm + 110 mm
- 300 mm : 30 mm + 135 mm + 135 mm

Other available version : Easy Foil DYNAMIC PLUS



This foil offers the same properties as the EASY FOIL DYNAMIC version but has an additional, strong 20 mm width acrylic adhesive strip on the plasterable side. This strip makes it possible to adhere to the side of the

window without having to give the foil a twist. This version is mainly intended for aluminium profiles. Widths : 100-150-200-250 and 300 mm (x 25 m).

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: 11-2019

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