

DAFA ProFoil™ vapor barrier

DAFA ProFoil vapor barrier foil is a part of DAFA AirStop System and is a 100% virgin PE foil, built up in a multi-layer structure that makes it tear and scratch resistant, yet it is only 0.20 mm thick.



Warranty.

DAFA offers a function and product warranty for 10 years on all products associated with DAFA AirStop System.

Application

Used in ceiling, wall and floor structures. When you choose DAFA ProFoil together with the other products in the DAFA AirStop System range, you are guaranteed a tested and durable system adapted to interior building envelopes.

The material

With the multi-layer structure, a tear and scratch-resistant vapour barrier foil is ensured. The material can tolerate direct sunlight for a maximum of three months, and must not be exposed to direct contact with solvent-based wood preservatives.

Advantages

- A product-specific Environmental Product Declaration (EPD) is available
- Product information has been declared to Nordic Swan Ecolabelling for New Buildings in accordance with generation 3 and 4. The product itself is not Nordic Swan Ecolabelled
- Part of the DAFA AirStop System
- High tensile and tear strength
- Proven and well documented
- 3-layer structure
- 100% virgin polyethylene in all three layers
- The best range of accessories on the market



Using DAFA ProFoil as a vapour barrier in building elements and structures susceptible to building moisture ensures effectiveness against mildew, mould and dry rot.

Technical specifications

Dimensions

Width	Length	DAFA-no	EAN-no
2 m	50 m	620014522	5705636344645
2,15 m	46,5 m	620027187	5705636426471
2,6 m	15 m	620027383	5705636427928
3 m	33,3 m	620030320	5705636444543
4 m	25 m	620022019	5705636394664
4,15 m	24,10 m	620027188	5705636426488
Roll width	1 m		
Vapour tightness, Sd value	95 m		
Fire classification	F		
Color	Blue		

LCA calculation

Product	Unit	GWP-total (A1-A3)
DAFA ProFoil	kg CO ₂ eq./m ²	0,690

NEW



Download EPD for DAFA ProFoil here:
www.dafa-build.com/en/epd
or scan the QR code



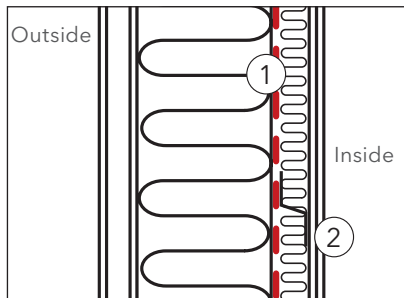
Quality assurance

DAFA ProFoil is CE-marked according to EU standard PN-EN 13984

DAFA ProFoil™

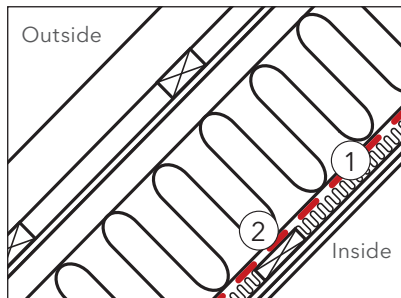
Installation

The vapour barrier must be installed no more than one-third of the way into the total thickness of the thermal insulation layer, measured from the warm (interior) side. The ceiling substructure can be installed on top of the vapour barrier, with suitable spacing or dimensions to allow for electrical installations and other services without excessive use of conduits.



General principle - Lightweight exterior steel wall.

1. Attach DAFA ProFoil to the surface of the steel using double-sided adhesive tape.
2. If necessary, Z profiles can be fitted with provision for electrical installations, etc.



General principle - Sloping wall in wooden roof structure.

1. Staple DAFA ProFoil to the wooden substrate.
2. If necessary, boarding can be installed with provision for electrical installations, etc.

Design Considerations

For non-traditional or alternative construction designs, a thorough assessment of moisture conditions and the overall structure should always be carried out to ensure the correct choice of vapor barrier solution.

Airtightness

DAFA ProFoil belongs to the category of high-performance vapor barriers. With an Sd-value of 95 m, the membrane is classified as airtight. The Sd-value can be converted to a Z-value using a factor of approximately 5.7.



Mount the vapour barrier foil with overlaps and tape with DAFA vapour barrier tape.

A selection of products in DAFA AirStop System

