

DAFA ProFoil™ vapor barrier



Warranty.

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

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.

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

- DAFA ProFoil vapor barrier is included in the Nordic Ecolabelling database of construction products that can be used in Swan-labelled buildings.
- 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)	GWP-total (The whole system)
DAFA ProFoil	kg CO2 eq./m ²	0,690	0,849

NEW



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



Quality assurance

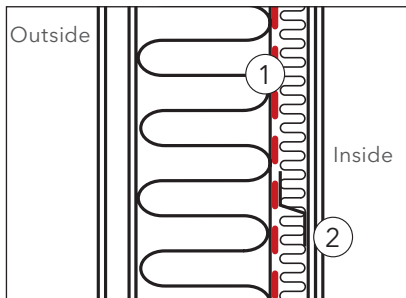
DAFA ProFoil is CE-marked according to EU standard PN-EN 13984

DAFA ProFoil™

Installation

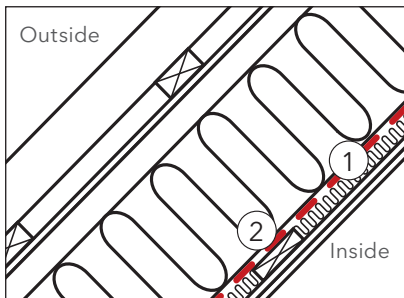
The vapour barrier must be placed no more than one-third of the way inside the total thermal insulation layer, measured from the warmest side of the insulation layer.

The substrate for the ceiling cladding can be installed on top of the vapour barrier with suitable dimensions to enable electrical installation etc. to be carried out without too many 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.

Project planning

In the design of innovative and alternative structures, an assessment of the moisture conditions and structure must always be carried out in order to identify the correct vapour barrier solution.

Seal tightness

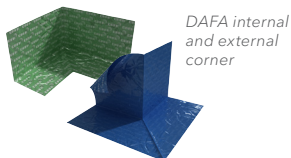
DAFA ProFoil belongs to the group of tight vapour barriers. With an Sd value of 95 m, the foil is tight.

The Sd value's conversion factor to Z value is approximately 5.7.

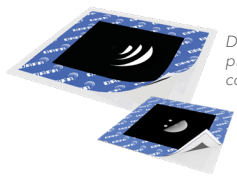


Mount the vapour barrier foil with overlaps and tape with DAFA vapour barrier tape.

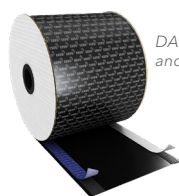
A selection of products in DAFA AirStop System



DAFA internal and external corner



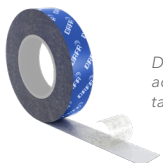
DAFA universal pipe- and cable collar



DAFA PE plinth and sill foil



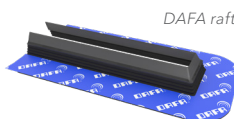
DAFA vapour barrier tape



DAFA double-sided adhesive vapour barrier tape



DAFA foil adhesive



DAFA rafter shoe collar



DAFA PE lining foil

06/2023

