DAFA OF DENMARK

100%

ZERO0.6

DAFA AIRSTOP SYSTEM™ Seals Absorbs Protects

DAFA EcoFoil™

DAFA EcoFoil is a part of DAFA AirStop System and is an environmentally friendly 100 % regenerated CE-marked PE foil with a thickness of 0.20 mm. DAFA EcoFoil is impermeable, ensuring that no moisture will migrate out into the structure.

INSURANCE SYSTEM WARRANTY 10 year

In alliance with if... Insurance Solutions

Application

DAFA EcoFoil is used in ceiling, wall and floor structures which require vapour barriers. The foil is used in buildings which are only heated and inhabited periodically.

The material

DAFA EcoFoil is a 100 % regenerated CE-marked polyethylene (PE) rolled product. The foil has high tensile and tearing strength, despite its thickness of just 0.20 mm.

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.

Using DAFA EcoFoil as a vapour barrier in building elements and structures effectively ensures against moisture migrating out into the structure.

Transport, delivery and storage

Rolled in a tube made from recycled cardboard, tightly packed in PE foil. Transported and stored horizontally on a Europallet. Stored protected against the weather and direct sunlight. Must only be stacked to a height of two pallets.

Technical specifications	
Length	50 m | 25 m
Width	2 m | 4 m
Thickness *	0.20 mm
Roll width	1 m
Vapour tightness, Sd value	≥ 80 m
Fire classification	F
Colour	Green
DAFA no.	2 x 50 m – 620014175 4 x 25 m – 620022022
EAN no.	2 x 50 m – 5705636342245 4 x 25 m – 5705636394695

* Tolerance +/- 10%

Quality assurance

DAFA EcoFoil is CE-marked according to EU standard PN-EN 13984:2006/A1:2007

CE

EASY CUT

Easy-cut vapour barrier foil – ensures a clean cut without folding or fraying. Simple, fast and secure!

– for sustainable construction

DAFA EcoFoil

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 EcoFoil is a type of impermeable vapour barrier. With an Sd value of ≥ 80 m, the foil is tight.

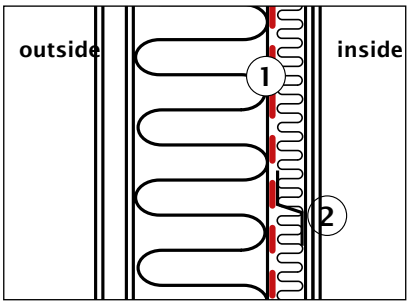
The Sd value's conversion factor to Z value is approximately 5.7.

Installation

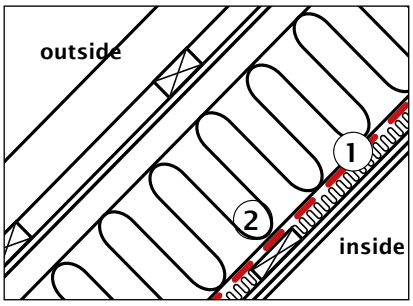
The vapour barrier must be placed no more than one-third of the way inside the total thermal insulation layer, measured from the warmest side of the insulation layer. The substrate for the ceiling cladding can be installed outside the vapour barrier with suitable dimensions to enable electrical installation etc. to be carried out without too many conduits.

Read more at www.dafa-as.com

When affixing DAFA EcoFoil to absorbent surfaces, such as plaster, concrete or untreated wood, use **DAFA foil adhesive**.



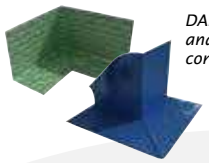
General principle – Lightweight exterior steel wall.
1. *DAFA EcoFoil is attached to the surface of the steel using double-sided adhesive tape.*
2. *If necessary, Z profiles can be fitted with provision for electrical installations, etc.*

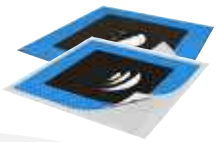


General principle – Sloping wall in wooden roof structure.
1. *DAFA EcoFoil can be stapled to the wooden substrate.*
2. *If necessary, boarding can be installed with provision for electrical installations, etc.*

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 corners


DAFA universal pipe and cable collar

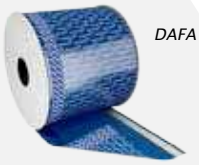

DAFA PE plinth and sill foil


DAFA blue and green vapour barrier tape


DAFA double-sided adhesive vapour barrier tape


DAFA foil adhesive


DAFA rafter shoe collar


DAFA PE lining foil

Use the complete DAFA AirStop System to ensure the tightness of critical conduits and building element transitions.
See also www.dafa-as.com