ZERO.6

DAFA AIRSTOP SYSTEM™ Seals Absorbs Protects

DAFA AluFoil™

DAFA AluFoil is a part of DAFA AirStop System and is a metallic multi-layered foil with an extremely high Sd value. This ensures hermetic masking and prevents heat loss in connection with free air circulation.

10 year INSURANCE SYSTEM WARRANTY

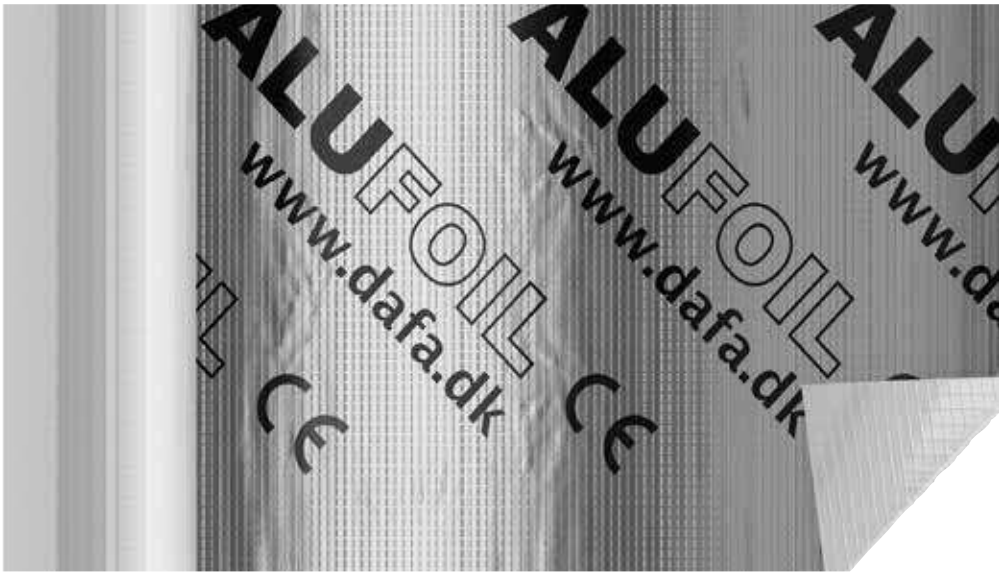
In alliance with if... Insurance Solutions

Application

DAFA AluFoil is used as a vapour and moisture barrier in building structures that require a high diffusion resistance.

Benefits

- Hermetically sealed against water vapour
- Prevents heat loss in connection with free air circulation
- Prevents condensation in the roof's thermal insulation
- Nailable with high tearing strength
- Elastic and easy to install
- When used with intermediary roof materials, it ensures a good indoor climate in attic rooms



By using DAFA AluFoil as a vapour barrier, water and vapour penetration is effectively eliminated.

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.

Quality assurance

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

Technical specifications	
Length	50 m
Width(s)	1.5 m
Roll width	1.5 m
Vapour tightness, Sd value	≥ 300 m
Fire classification	E
Colour	Metallic
DAFA no.	620014526
EAN no.	5705636344683

* Tol. +/- 30 %

DAFA AluFoil

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 AluFoil belongs to the group of extremely tight vapour barriers. With an Sd value of ≥ 300 m, the foil is tight and hermetically seals against water and vapour penetration.

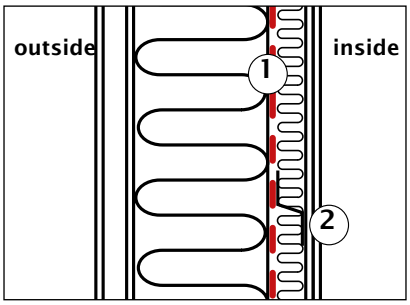
The Sd value's conversion factor to Z value is approximately 5.7.

Installation

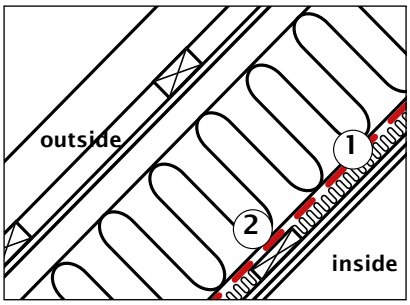
The vapour barrier must be placed no more than one-third of the way inside the total thermal insulation layer, measured from the warmest side of the insulation layer. The substrate for the ceiling cladding can be installed on top of the vapour barrier with suitable dimensions to enable electrical installation,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

Read more at www.dafa-as.com

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



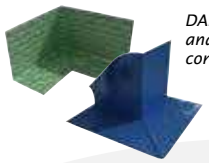
General principle – Lightweight exterior steel wall.
1. *Attach DAFA AluFoil to the surface of the steel using double-sided adhesive tape.*
2. *If necessary, Z profiles can be fitted with provision for electrical installations, etc.*

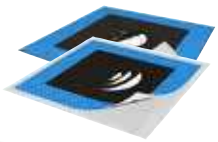


General principle – Sloping wall in wooden roof structure.
1. *Staple DAFA AluFoil to the wooden substrate.*
2. *If necessary, boarding can be installed with provision for electrical installations, etc.*

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

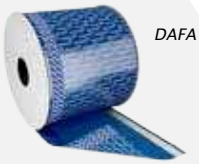

DAFA PE plinth and sill foil


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