

ZERO.6

## DAFA UniFoil™

*DAFA UniFoil is a part of DAFA AirStop System and is a CE-marked PE foil with a thickness of 0.15 mm. DAFA UniFoil is impermeable, ensuring that no moisture will migrate out into the structure.*



In alliance with  Insurance Solutions

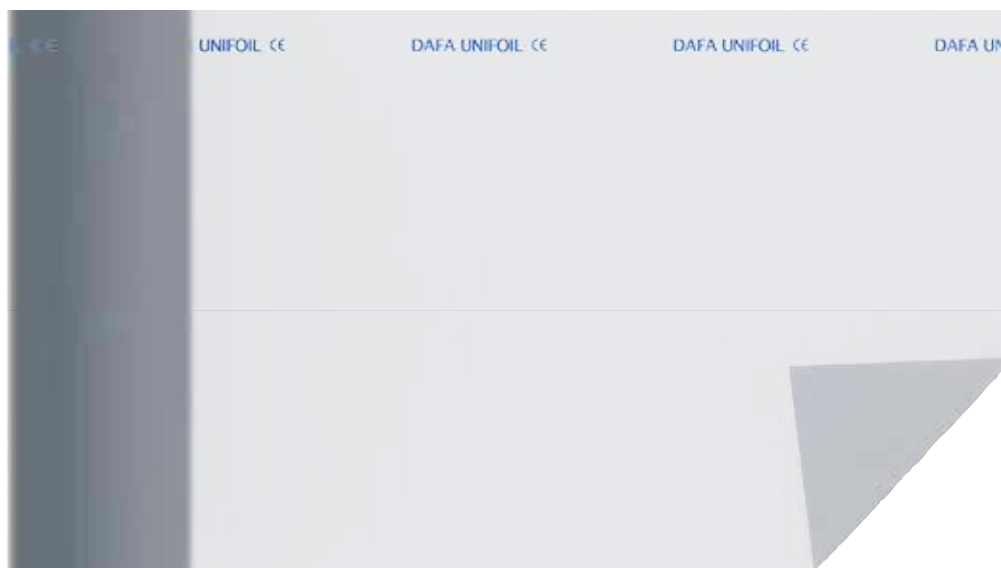
### Application

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

### The material

DAFA UniFoil is a 100 % clean CE-marked polyethylene (PE) rolled product. The foil has high tensile and tearing strengths, despite its thickness of just 0.15 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 UniFoil as a vapour barrier in building elements and structures effectively ensures against moisture migrating out into the structure.*



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

### Quality assurance

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



### 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	25 m
Width	2 m
Thickness *	0.15 mm
Roll width	1 m
Vapour tightness, Sd value	≥ 75 m
Fire classification	E
Colour	Clear
DAFA no.	620017403
EAN no.	5705636363714

\* Tol. +/- 10%

# DAFA UniFoil

## Project planning

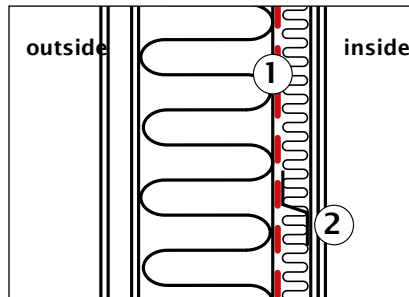
In the design of innovative and alternative structures, an assessment of the moisture conditions and structure must always be carried out in order to identify the correct vapour barrier solution.

## Seal tightness

DAFA UniFoil belongs to the group of impermeable vapour barriers. With an Sd value of  $\geq 75$  m, the foil is tight.

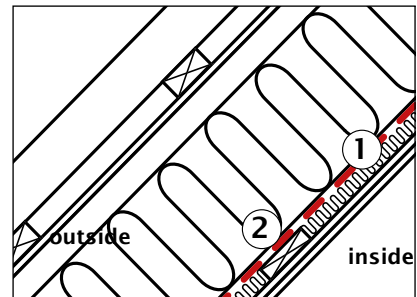
The Sd value's conversion factor to Z value is approximately 5.7.

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 UniFoil 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 UniFoil to the wooden substrate.
2. If necessary, boarding can be installed with provision for electrical installations, etc.

## 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.

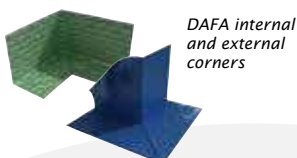
The substrate for the ceiling cladding can be installed on top of the vapour barrier with suitable dimensions to enable electrical installation etc. to be carried out without too many conduits.

Read more at [www.dafa-as.com](http://www.dafa-as.com)

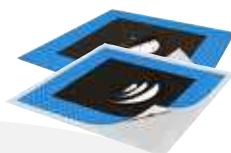


Mount the vapour barrier foil with overlaps and tape with DAFA vapour barrier tape.

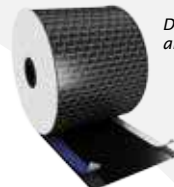
## A selection of products in the DAFA AirStop System



DAFA internal and external corners



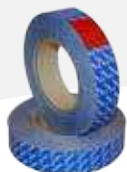
DAFA universal pipe and cable collar



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](http://www.dafa-as.com)