

ZERO.6



DAFA RooFoil 150™

DAFA RooFoil 150 is a part of DAFA AirVent System and is a strong permeable fabric which can be used for both roof decking and wind barriers in a lightweight external wall structure.



In alliance with  Insurance Solutions

Application

DAFA RooFoil 150 is used as a self-supporting rolled product for roof decking in both ventilated and non-ventilated roof structures with a pitch above 15°. DAFA RooFoil 150 is used as a wind barrier in a ventilated, lightweight external wall cladding. May only be used behind facades that are sealed against UV light.

The material

DAFA RooFoil 150 is a three-layer fabric, manufactured from a combination of PP weave and foil with high tearing strength. The fabric is permeable with an S_d value of approx. 0.015 m. The S_d value must be multiplied by a factor of approx. 5.7 to obtain the Z value.

DAFA RooFoil 150 has a black surface with dotted lines on both sides for marking overlaps.

Supplied sizes

DAFA RooFoil 150 is supplied in rolls with a width of 1.5 m and 1.1 m and a length of 50 m.



Transport, delivery and storage

DAFA RooFoil 150 is packed in PE foil. DAFA RooFoil 150 is stored horizontally on Europallets, dry and protected against the weather and direct sunlight.

Dimensions

DAFA RooFoil 150 is easy to roll out, with a low weight of only 150 g / m². With 50 m on each roll, the number of joints can be reduced significantly.

Read more at www.dafa-as.com

Quality assurance

DAFA RooFoil 150 is CE-marked according to EU standard EN 13859-1.

Technical specifications			
NAME	METHODOLOGY	UNIT	RESULT
Roll length	EN 1848-2	m	≥ 50
Roll width	EN 1848-2	m	1.5 - 0.5 %, +2 %
Weight	EN 1849-2	g/m ²	150 ± 10 %
Fire classification	EN 13501-1	Class	E
Tearing strength lengthways/widthways	EN 12310-1	N	150 / 180 +100 / -50
Elongation upon failure lengthways/widthways	EN 13859-1	N/50mm	70 / 90 +40 / -30
Tensile strength lengthways/widthways	EN 13859-1	N/50mm	290 / 200 ±70
S_d value	EN ISO 12572/C	m	0.015
Water tightness	EN 1928	Class	W1
Flexibility at low temperatures	EN 1109	°C	-25
Exposure time			Max. eight weeks
Item number (1.1 m/1.5 m)			620023114 / 620023104
EAN number (1.1 m/1.5 m)			5705636400570 / 5705636400556

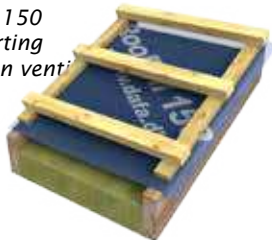


DAFA RooFoil 150

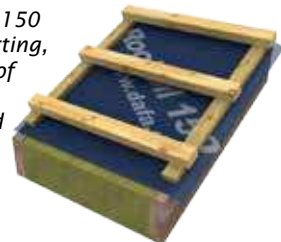
Roof decking structures

DAFA RooFoil 150 is permeable and therefore suitable for use as roof decking in both ventilated and non-ventilated roof structures.

DAFA RooFoil 150 as self-supporting roof decking in ventilated structure.



DAFA RooFoil 150 as self-supporting, permeable roof decking in non-ventilated structure.



DAFA RooFoil 150 as a sealing layer on fixed roof decking in ventilated structure.



External wall structures

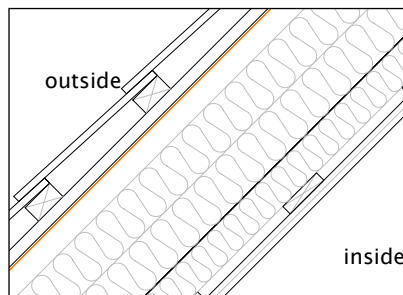
DAFA RooFoil 150 is a strong permeable fabric, which is suitable as a wind barrier in a lightweight, external wall structure with a ventilated cavity behind the rainshield on the facade.

DAFA RooFoil 150 as a wind barrier in ventilated external wall cladding.

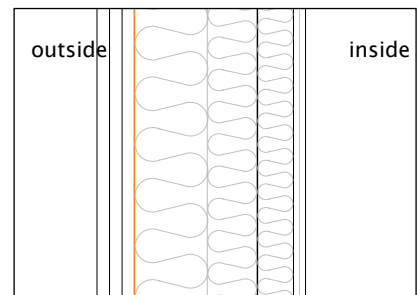


Installation

Installation of DAFA RooFoil 150 can be performed in damp weather, but must not be performed in freezing conditions. Maximum exposure time is eight weeks. As DAFA RooFoil 150 is permeable, it can be insulated right out to the fabric. DAFA RooFoil 150 is rolled out with the product name facing outward and with a minimum overlap of 150 mm. Joints are taped with DAFA UV tape for a full seal. DAFA RooFoil 150 is not a safe tread surface and it does not prevent falls.



DAFA RooFoil 150 used as roof decking with ventilation between insulation and roof decking.



DAFA RooFoil 150 used as a wind barrier with a ventilated cavity behind the rainshield.



DAFA RooFoil 150 is installed with a minimum overlap of 150 mm and free joints are taped using DAFA UV tape.

DAFA's associated products are recommended:



DAFA UV tape
Adhesive tape with maximum adhesion.



DAFA roof decking adhesive
Permanent elastic special rubber for external use.



DAFA UV cable collar
Fully sealed conduits for cables or electrical boxes.



DAFA UV pipe collar
Fully sealed conduits for round or rectangular pipes.

DAFA AirVent System comprises a large range of accessories for DAFA RooFoil 150 which are special products that make difficult details easier and ensure a fully sealed installation. Read more at www.dafa-as.com/airvent