DAFA AirVent System®

DAFA RooFoil 200™

DAFA RooFoil 200 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.

Warranty.

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

Application

DAFA RooFoil 200 is used as an underlay as a self-supporting membrane in both ventilated and non-ventilated roof constructions with a roof pitch above 12°. DAFA RooFoil 200 can also be used as a wind barrier in ventilated, lightweight external wall cladding. May only be used behind façades that are closed to UV radiation.

Material

DAFA RooFoil 200 is a 3-layer membrane manufactured from a combination of PP fabric and film with high tear strength.
The membrane is vapour permeable with an Sd value of approx. 0.015 m. The Sd value must be multiplied by a factor of approx. 5.7 to obtain the Z-value. DAFA RooFoil 200 has a black surface with dashed lines on both sides to indicate overlaps.

Quality assurance

DAFA RooFoil 200 is CE marked in accordance with EU standard EN 13859-1.

Product information is declared for the Nordic Ecolabelling New Buildings in accordance with generation 3 and 4. The product is not certified with the Nordic Swan Ecolabel.

Dimensions

DAFA RooFoil 200 is easy to roll out, with a low weight of only 200 g/m². With 50 m on each roll, the number of joints can be reduced significantly.

Technical specifications

Name	Method	Unit	Result
Roll length	EN 1848-2	m	≥50
Roll width	EN 1848-2	m	1,1 og 1,5 m
Weight	EN 1849-2	g/m²	200 ± 10%
Fire classification	EN 13501-1	Class	E
Tearing strength (longitudinal/transverse)	EN 12310-1	N	220/160 ±50
Elongation (longitudinal/transverse)	EN 12311-1	%	45/70 ±30
Tensile strength (longitudinal/transverse)	EN 12311-1	N / 50 mm	320/200 +/-60
S_d value	EN 1931 DIN EN ISO 12572	Sd m	≤ 0,015
Water absorption	EN 1928	Class	W1
Flexibility at low temperatures	EN 1109	°C	-25
Exposure time			8 weeks max.
DAFA item no (1,1 m / 1,5 m)			620023115 / 620023105
EAN no (1,1 m / 1,5 m)			5705636400587 / 5705636400624

LCA calculation

Product	Unit	GWP-total (A1-A3)
DAFA RooFoil 200	kg CO2 eq./m²	0,281

NEW

epd

Download EPD for DAFA RooFoil 200 here:
www.dafa-build.com/en/epd
or scan the QR code

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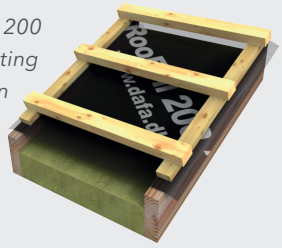
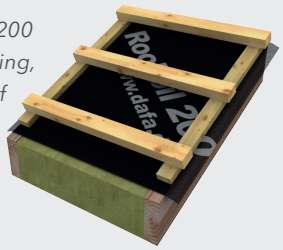
Roof decking structures

DAFA RooFoil 200 is permeable and therefore suitable for use as roof decking in both ventilated and non-ventilated roof structures.



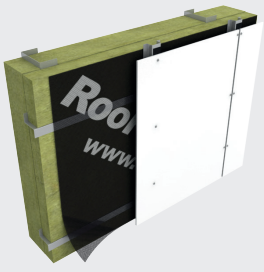
DAFA RooFoil 200 as self-supporting roof decking in ventilated structure.



DAFA RooFoil 200 as self-supporting, permeable roof decking in non-ventilated structure.

External wall structures

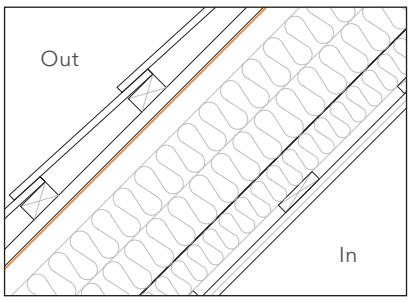
DAFA RooFoil 200 is a strong permeable fabric, which is suitable as a wind barrier in a lightweight, external wall structure with a ventilated cavity behind the rainshield on the facade.



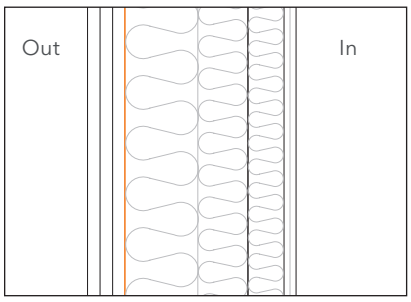
DAFA RooFoil 200 as wind barrier in ventilated external wall cladding.

Installation

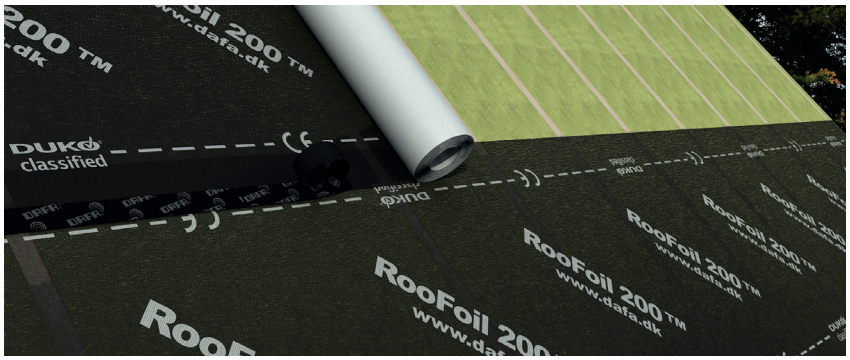
Installation of DAFA RooFoil 200 can be performed in damp weather. Maximum exposure time is eight weeks. As DAFA RooFoil 200 is permeable, it can be insulated right out to the fabric. DAFA RooFoil 200 is rolled out with the product name facing outward and with a minimum overlap of 150 mm. Joints are taped with DAFA UV tape for a full seal. DAFA RooFoil 200 is not a safe tread surface and it does not prevent falls.



DAFA RooFoil 200 used as roof decking with ventilation between insulation and roof decking.

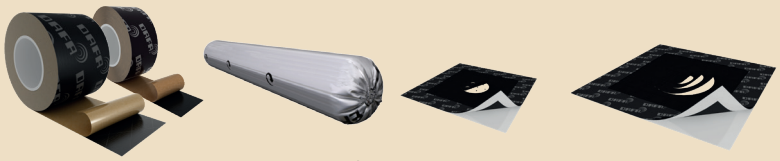


DAFA RooFoil 200 used as a wind barrier with a ventilated cavity behind the rain-shield.



DAFA RooFoil 200 is installed with a minimum overlap of 150 mm and free joints are taped using DAFA UV tape.

Recommended accessories from DAFA



DAFA UV tape
Ideal for overlap taping roofing and wind barriers.

DAFA universal outdoor adhesive
Specially made adhesive with excellent adhesive properties.

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 200 which are special products that make difficult details easier and ensure a fully sealed installation. Read more at www.dafa-build.com/en/airvent

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