

DAFA WindFoil 210 UV FirePro™



Warranty.

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

Strong, permanent UV-resistant and fire retardant permeable membrane which can be used as a wind barrier in an open, light external wall structure.

Application

DAFA WindFoil 210 UV FirePro is used as a wind barrier in ventilated, lightweight exterior wall cladding with open joints. When used behind open façade cladding, the following limitations apply:

- Horizontal openings: Max. 30 mm and max. 30% of the total open area
- Vertical openings: Max. 20 mm and max. 20% of the total open area

For specially designed metal façades, openings up to 30 mm may be accepted. In such cases, it is recommended to consult DAFA's technical department for a project-specific assessment.

When using DAFA WindFoil 210 UV FirePro, a separate fire safety assessment of the building must always be carried out.

Material

DAFA WindFoil 210 UV FirePro is made of black nonwoven polyester with a polyurethane film featuring a UV-resistant and flame-retardant special coating. The membrane is vapor permeable with an S_d value of 0.04 m.

Transport, delivery and storage

DAFA WindFoil 210 UV FirePro is supplied in rolls packed in PE foil. The foil is transported and stored horizontally on a Europallet, and must only be stacked to a height of two pallets. DAFA WindFoil 210 UV FirePro must be protected against the weather and direct sunlight.

Advantage

DAFA WindFoil 210 UV FirePro is listed in the database for building products that can be used in Nordic Swan Ecolabelled buildings.

Quality assurance

DAFA WindFoil 210 UV FirePro is CE-marked according to EU standard EN 13859-2:2010



Fire retardant

DAFA WindFoil 210 UV FirePro is equipped with a fire-retardant surface.



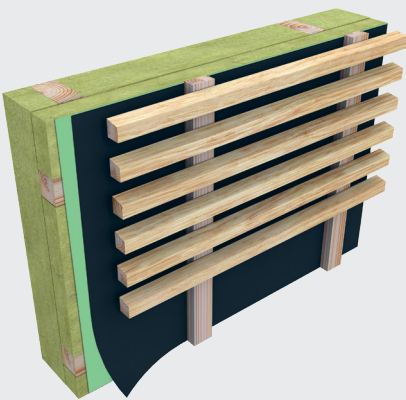
Technical specifications

Roll dimensions	1,5 m x 50 m
Weight	210 g/m ² ±20
Resistance to water penetration	W1
Thickness	0,52 mm
Reaction to fire	B-s1, d0
Tearing strength lengthways / crosswise	300 N/50 mm ±70 200 N/50 mm +70/-30
S _d value	0,04 m (± 0,02)
Temperature resistance	-40 °C to +100 °C
Exposure time	Max 3. Months without cover
DAFA item no.	620043983
EAN no.	5705636270401

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External wall structures

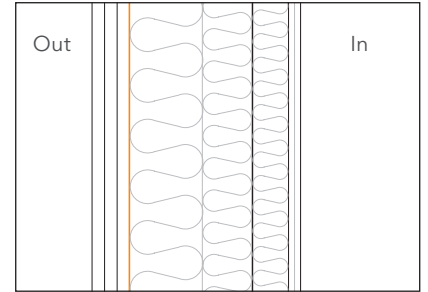
DAFA WindFoil 210 UV FirePro is suitable as a wind barrier in a light, external wall structure with a ventilated cavity behind the rainshield on the facade. The permanent UV-resistant wind barrier allows even more open joints in the rainshield. DAFA WindFoil 210 UV FirePro can be installed both horizontally and vertically.



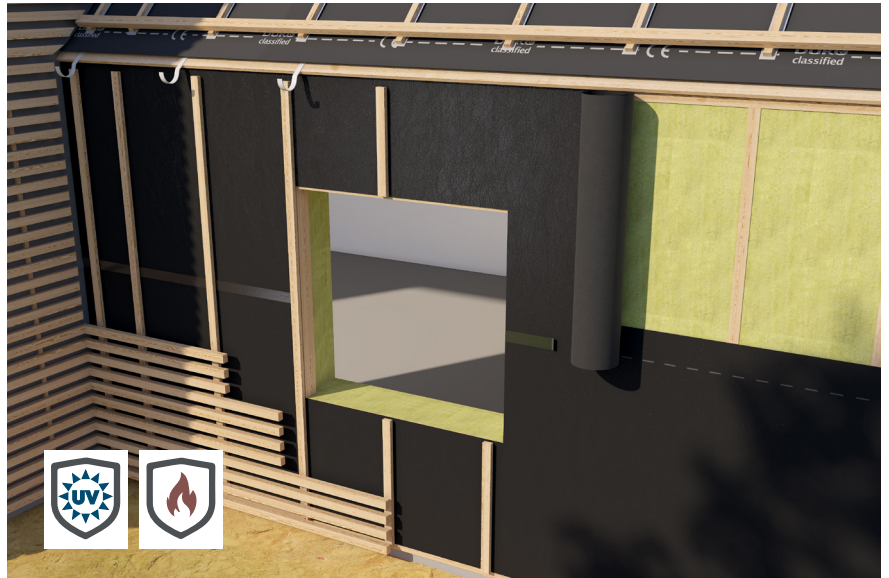
Open facade cladding

Installation

DAFA WindFoil 210 UV FirePro rolls out quickly, retains its shape and the lengths are not deformed when rolling out. As DAFA WindFoil 210 UV FirePro is permeable, it can be insulated right out to the fabric. DAFA WindFoil 210 UV FirePro should be rolled out with a minimum overlap of 150 mm. Joints are taped with DAFA UV tape for a full seal.



DAFA WindFoil 210 UV FirePro is used as a wind barrier with a ventilated cavity behind the rainshield.



DAFA WindFoil 210 UV FirePro is installed as a wind barrier with a minimum overlap of 150 mm and free joints are taped using DAFA UV tape.

Recommended accessories from DAFA

			
<p>DAFA UV tape</p> <p><i>Ideal for overlap taping roofing and wind barriers.</i></p>	<p>DAFA universal outdoor adhesive</p> <p><i>Specially made adhesive with excellent adhesive properties.</i></p>	<p>DAFA UV cable collar</p> <p><i>Fully sealed conduits for cables or electrical boxes.</i></p>	<p>DAFA UV pipe collar</p> <p><i>Fully sealed conduits for round or rectangular pipes.</i></p>

DAFA AirVent System comprises a large range of accessories which are special products that make difficult details easier and ensure a fully sealed installation. Go to www.dafa-build.com/en/airvent for more info.

04/2026

