



# DAFA AirVent System®

– for roofs and exterior walls

Roofing underlay

Wind barriers

Accessories

NEW



Download EPD for DAFA RooFoil 230 MH here:  
[www.dafa-build.com/en/epd](http://www.dafa-build.com/en/epd)  
or scan the QR code



# - a complete product range for roof underlays and wind barriers

## Roof underlay foils

DAFA RooFoil 150™

DAFA RooFoil 200™

DAFA RooFoil 230 MH™

DAFA RooFoil 230 MH Plus™

The key roof underlay products are DAFA's four quality foils. The table below shows which foils are suitable for various applications.

There is more information on the foils' properties on pages 4-5.

## Field of application

	Class ML			Class MH			Class H normal
Roof covering	Imitation roof tiles - over 35°, at least 70 mm overlap Diagonal, sheet or natural slate - laid in putty Metal sheets- tiles, sheets	Pantile - over 35° and at least 70 mm overlap Double pantile - over 35° and less than 70 mm overlap Imitation roof tiles - less than 35° and at least 70 mm overlap Sheet or natural slate		Pantile - less than 70 mm overlap Pantile - less than 35° and at least 70 mm overlap Double pantile- less than 35° and at least 70 mm overlap Diagonal slate			
① Complexity	High	High	Low	High	High	Low	High
② Climate impact and story height	Special	Normal	Special	Special	Normal	Special	Special
RooFoil 150	✓	÷	÷	÷	÷	÷	÷
RooFoil 200	✓	✓	✓	÷	÷	÷	÷
RooFoil 230 MH (Plus)	✓	✓	✓	✓	✓	✓	* ✓

### ① High complexity, if:

- Many penetrations in close proximity
- Many details (valley gutters, dormers, ventilation ducts, chimneys and skylights)

### ② Special climate impact and story height, when:

- The home is outside any urban zone, surrounded by fields or sea
- The home has three stories or more
- The home is at the top of a hill, or at the end of a street

\* Must have a solid underlay and be a ventilated structure

DAFA AirVent System products are covered by DAFA's attractive 10-year functional and product warranty. Read more on page 11.



## Wind barrier foils for exterior walls

DAFA WindFoil 95™  
DAFA Windfoil 130™  
DAFA UV facade

For wind barrier solutions, you can choose between DAFA's three foils, all of which are suitable for lightweight exterior wall structures. See pages 6-7 for more information.





# Foils for roof underlays

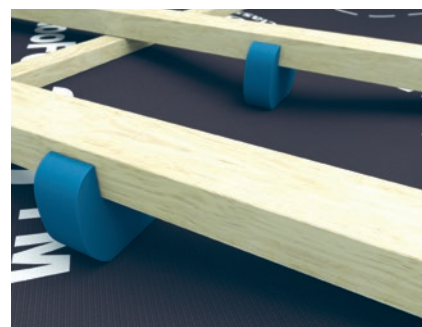
Strong foils ensure sealed roofs

DAFA AirVent System is a carefully designed range of products that make it simple and easy to create a lasting, sealed roof underlay.



See the system accessories on pages 8-9.

The three strong vapor-permeable roofing foils, combined with an extensive range of accessories, make up a complete system, which is used for new construction and renovation projects. The products in the DAFA AirVent System have been tested and classified in accordance with market requirements.

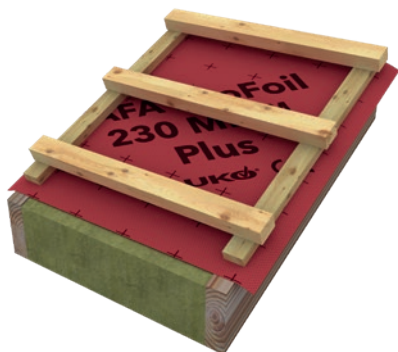


A simple product with a major impact. DAFA roof underlay tensioners are much faster to install than traditional roof underlay tensioners.

## DAFA roof foils – for all structures

All three roof foils are suitable for structures which are unventilated, ventilated and ventilated with a solid underlay.

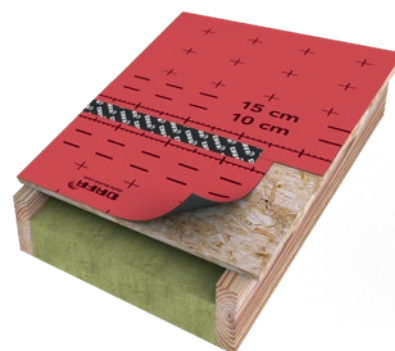
### Unventilated



### Ventilated



### Ventilated, solid underlay



DAFA  
classified



## DUKO classified

DAFA AirVent underlay foils have been classified by DUKO – a Danish voluntary scheme for classifying underlays in relation to the application.

# Technical specifications

## DAFA RooFoil 150™

DAFA RooFoil 150 is a strong vapor-permeable membrane that can be used as a roof underlay at gradients over 15 degrees, in ventilated and un-ventilated roof structures, and as a wind barrier in lightweight exterior wall structures.

Roll length	50 m
Roll width	1.1 & 1.5 m -0.5%, +2%
Exposure period	Max. 8 weeks
DUKO class	ML
DAFA no.	1.1 m: 620023114 1.5 m: 620023104
EAN no.	1.1 m: 5705636400570 1.5 m: 5705636400556

## DAFA RooFoil 200™

DAFA RooFoil 200 is a strong vapor-permeable membrane that can be used as a roof underlay at gradients over 15 degrees, in ventilated and un-ventilated roof structures, and as a wind barrier in lightweight exterior wall structures.

Roll length	50 m
Roll width	1.1 & 1.5 m -0.5%, +2%
Exposure period	Max. 8 weeks
DUKO class	ML
DAFA no.	1.1 m: 620023115 1.5 m: 620023105
EAN no.	1.1 m: 5705636400587 1.5 m: 5705636400624

## DAFA RooFoil 230 MH™

DAFA RooFoil 230 MH is a strong vapor-permeable membrane featuring high tear resistance. It can be used as a roof underlay at gradients over 15 degrees, in ventilated and unventilated roof structures, and as a wind barrier in light-weight exterior wall structures.

Roll length	50 m
Roll width	1.1 & 1.5 m +1.0%/-0.4%
Exposure period	Max. 12 weeks
DUKO class	MH; H (on solid underlay)
DAFA no.	1.1 m: 620026567 1.5 m: 620026568
EAN no.	1.1 m: 5705636422213 1.5 m: 5705636422220
GWP-total (A1-A3)	0,994 CO2 eq./m²

## DAFA RooFoil 230 MH Plus™

As the DAFA RooFoil 230 MH, 230 MH Plus is a strong vapor-permeable membrane with high tear strength. 230 MH Plus is provided with integrated self-adhesive edges on both sides by overlay.

Roll length	50 m
Roll width	1.5 +1.0%/-0.4%
Exposure period	Max. 12 weeks
DUKO class	MH; H (on solid underlay)
DAFA no.	1,5 m: 620031982
EAN no.	1,5 m: 5705636451855
GWP-total (A1-A3)	0,994 CO2 eq./m²





# Wind barriers for exterior walls

Strong foils protect the home's lightweight exterior wall structures against moisture, drafts and cold

DAFA AirVent system is a carefully designed range of products that ensure lightweight exterior wall structures are protected.

The three rugged vapor-permeable wind barriers, combined with an extensive range of accessories, make up a complete system, which is used for new construction and renovation projects. The products in the DAFA AirVent System have been tested and qualified in accordance with market requirements.



The range of accessories includes DAFA UV cable collars, which ensure completely sealed penetrations.

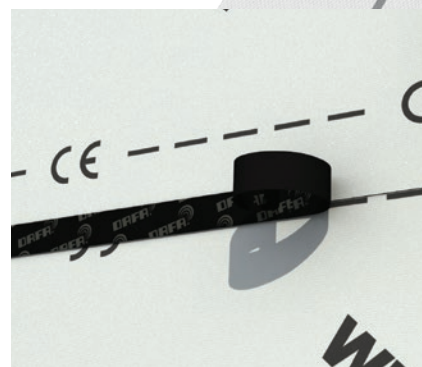
## DAFA wind barrier structures

DAFA WindFoil 95 and DAFA WindFoil 130 are used behind ventilated exterior wall cladding, while DAFA UV Facade is suitable for structures with an open exterior wall cladding.

### Ventilated exterior wall cladding



### Open exterior wall cladding



DAFA UV tape is a sure bet for lasting, sealed joints.



## Technical specifications

### DAFA WindFoil 95™

DAFA WindFoil 95 is a strong three-layer vapor-permeable membrane used as a wind barrier with ventilated, lightweight exterior wall cladding. DAFA WindFoil 95 may only be used behind cladding that prevents UV light penetration.

Roll length	50 m
Roll width	1.5 m -0.5%, +2%
Fire classification	Class E
Sd value	0.02 m
DAFA no.	620020403
EAN no.	570505636384160

### DAFA WindFoil 130™

DAFA WindFoil 130 is a strong three-layer vapor-permeable membrane used as a wind barrier with ventilated, lightweight exterior wall cladding. DAFA WindFoil 130 may only be used behind cladding that prevents UV light penetration.

Roll length	25 m
Roll width	3.05 m -0.5%, +2%
Fire classification	Class E
Sd value	0.02 m
DAFA no.	620029957
EAN no.	5705636443584

### DAFA WindFoil 210 UV FirePro™

DAFA WindFoil 210 UV FirePro is the ideal solution for wind-proofing lightweight exterior walls. DAFA UV facade is a strong fire-retardant, CE marked, UV-resistant, vapor-permeable membrane used as a wind barrier with ventilated lightweight exterior wall cladding, with unfilled gaps up to 30 mm wide and covering up to 40% of the surface.

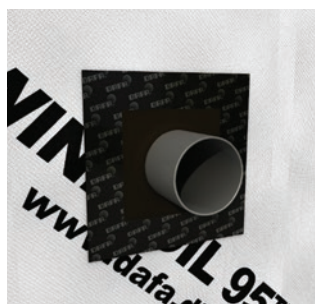
Roll length	50 m
Roll width	1.5 m -0.5%, +2%
Fire classification	B-s1, d0
Sd value	0.12 m
DAFA no.	620023662
EAN no.	5705636404172





## Complete range of accessories

Strong foils for roofs and exterior walls are not enough alone. The DAFA AirVent System includes a range of accessories that make the system complete. This creates consistency - especially for the person performing the tasks, because the products fit together, ensuring lasting solutions.



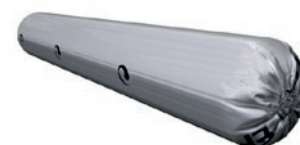
**DAFA UV pipe collar 260/345** is an airtight solution for round or rectangular pipe penetrations through roof underlays or wind barriers.



**DAFA UV cable collar 195** is an airtight solution for electrical boxes or cable conduits through roof underlays or wind barriers.



**DAFA UV tape** is a UV-resistant, single-sided polyethylene tape which is ideal for sealing and affixing roof underlays and wind barriers outdoors.



**DAFA universal outdoor adhesive** is used for bonding a wide variety of materials in most structures. Adheres to aluminum, metal, zinc coated metal, wood, PVC-U, and other non-porous materials.



**DAFA butyl tape** is used to affix roof underlay (foil) where it terminates along gutter aprons on the bottom edge of roofs.



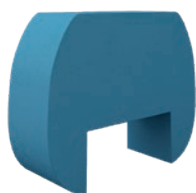
**DAFA edge protection profile band** is used to connect and affix the edge protection profiles to the roof underlay.



**Norton self-adhesive PVC strip** is used to seal between roof sheets, preventing water, drifting snow and dirt from penetrating.



**DAFA roof underlay valve** is used to ensure ventilation through roof underlay foils, and can be used with all standard roof underlay foils.



**DAFA roof underlay tensioners** - used to tension all flexible roof underlays to prevent them from 'flapping' in windy weather.



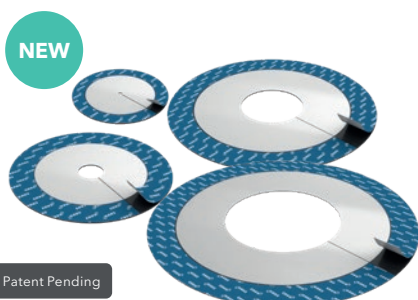
**DAFA universal cable collar 115** is used for sealing cable penetrations through roof underlays, wind barriers and vapor barriers.



**DAFA Zero Waste®** is a strong universal tape with no tape liner. Used for vapor barriers, roof underlays and wind barriers.



**DAFA Zero Waste®** has been developed **without** a tape liner.



**DAFA Renovation Collar**  
The DAFA Renovation Collar is an extremely flexible sealing solution used for air-tight sealing of the climate envelope in the event of penetrations of existing pipes and cables during renovation tasks.

Patent Pending



## Save time on the roof

DAFA roof underlay tensioners are quick and easy to install.

### Example:

Sample house with 45° roof gradient, 15 spaces between rafters and tensioners installed on every second batten:

### Roof underlay tensioners

with ties: **43 min.**

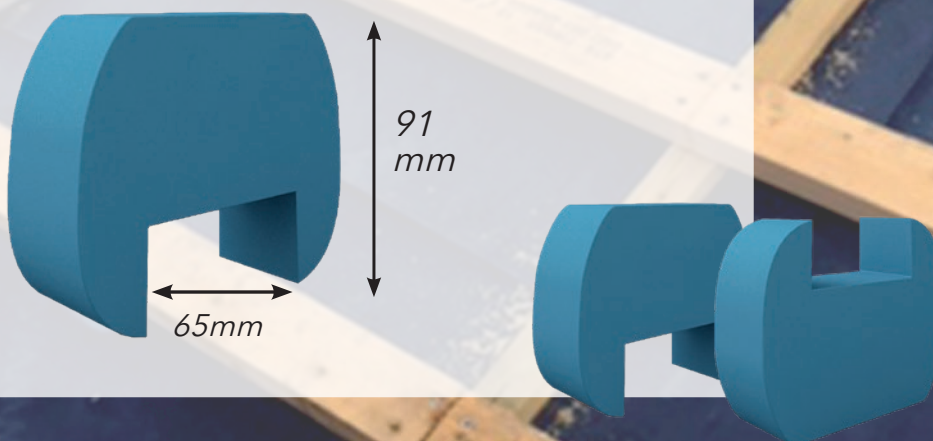
### DAFA roof underlay

tensioners **13 min.**

Time saved: 30 min.



### New universal size





# - easy and straightforward



## Easy handling

▶ The foils in the DAFA AirVent system are robust and durable. They are dimensionally stable in any weather conditions, ensuring easy handling when they are rolled out on the roof structure.



## Clear guide lines

▶ The guide lines make it easy to install the foil with the correct overlap before taping together.



## Easy to cut

▶ The dimensionally stable and rugged foils are easy to cut using an ordinary utility knife, without fraying, when you need to trim them around edges.





## - guaranteed

### DAFA's functional and product warranty provides greater peace of mind

**DAFA offers a highly attractive 10-year functional and product warranty on all products in the DAFA AirVent System range.**

All accessory products are covered by the same warranty period. The functional and product warranty ensures that the products fulfil the standards and norms they have been approved under.

Under the warranty, DAFA will bear all costs for the delivery, removal and installation of the products used in the structure.

This is conditional on the final solution meeting the requirements defined under 'How to be covered by DAFA's functional and product warranty'.

### How to be covered by DAFA's functional and product warranty

It is easy to ensure you are covered by DAFA's 10-year functional and product warranty. The following factors apply:

#### Complete DAFA AirVent System®

To ensure warranty cover, only products from the DAFA AirVent System may be used for the exterior sealing. This means the foils for roofs and exterior walls and system accessories such as UV tape underroof adhesive, UV pipe collars, UV cable collars and butyl tape.



#### Correct installation

DAFA AirVent System products must of course be installed correctly, in accordance with DAFA's installation instructions and the Building Regulation requirements.



#### Proper planning and design

It is a condition that the planning for a construction project fulfills the applicable rules, including under the Building Regulations. This applies to both new construction and renovation projects.



#### Documentation

You must be able to document which products were purchased and used in a given project. The documentation is therefore the invoices and/or shipping notes covering the purchase of products from the DAFA AirVent System.



### DAFA's test center improves product development

DAFA has its own test center in which it can perform aging tests - subjecting products to harsh climate impacts from heat, cold, UV light and moisture. This allows DAFA to simulate the most commonly used and recognized national and international testing standards.



DAFA AirVent System®

# - and much more...



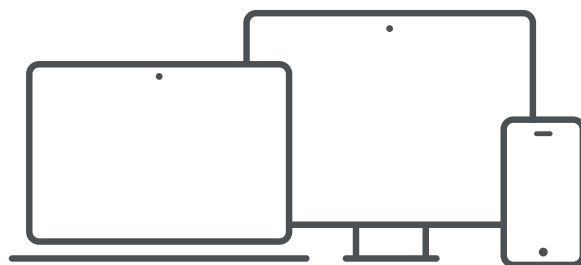
## Training for professionals

You can call in DAFA's expert staff for a short seminar at your premises, the construction site, the workshop or your local dealer. The seminar will go through the construction applications using DAFA AirVent System, in relation to sealing and ventilating roofs and exterior walls, involving theory, regulations, practical exercises and demonstrations.

## Website with complete information

You can always find the latest information about the systems, products, their applications and how to install them on DAFA's website.

[www.dafa-build.com/en/airvent](http://www.dafa-build.com/en/airvent)



## Descriptions and personal advice

DAFA offers advice and guidance in connection with planning and designing your new construction or renovation project.

This advice covers individual guidance, and materials in the form of descriptions and installation instructions.

At [dafa-build.com](http://dafa-build.com), you can find texts you may wish to use in connection with your tender documents.



## DAFA Building Solutions employees are dedicated to serving you.

For initial inquiries, you are very welcome to contact...



**Jan Dahlgaard**  
Export Manager  
DAFA Building Solutions  
+45 61 61 79 63  
[jd@dafa.dk](mailto:jd@dafa.dk)



**Torben Sørensen**  
Customer Service  
DAFA Building Solutions  
+45 87 47 66 15  
[tos@dafa.dk](mailto:tos@dafa.dk)

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