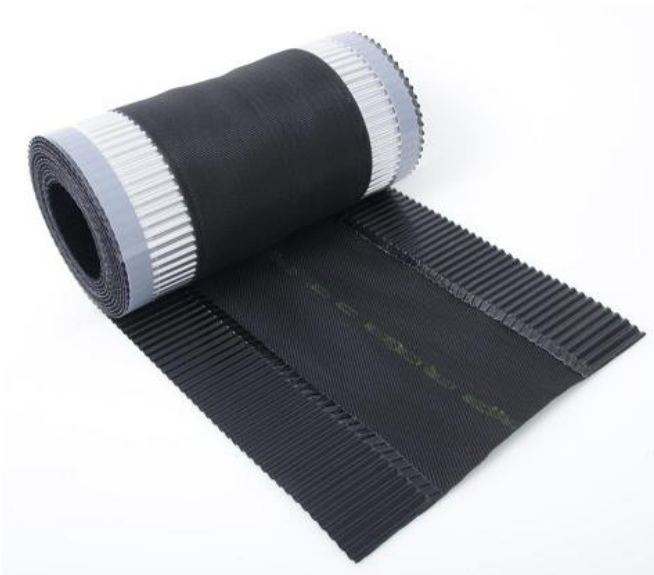


# Technical Information

## Aeroflex® 210 es



Aeroflex® 210 es is a universally applicable ventilation strip for lasting ventilation and aeration of the ridge and hip region of pitched roofs. Due to its pleated shoulders and butyl adhesive layers, Aeroflex® 210 es is particularly application-friendly and is suited for application on flat roof tiles and roof tiles with no or medium depth profiles. With the new "es" series, the aluminium used hitherto is replaced by an aluminium-synthetic film compound. It is characterised by an excellent weather and corrosion resistance, it is extremely tear proof, and in the same time very flexible and easily laid to the roof line. The lateral edges of Aeroflex® 210 es are folded over to prevent injury. The synthetic fabric carrier material makes a large ventilation cross section possible whilst providing protection against penetration by insects, snow, dirt and rain. In order to aid assembly on the ridge lath the carrier material is provided with alignment lines. Due to a high-quality adhesive, the adhesive joint between the carrier material and the pleated metal edge strips displays an excellent joint fastness. The highly adhesive butyl strips on the underside of the ridge roll are for adhering to the (cement) roofing slab surfaces and possess an excellent initial bond adhesion.



### Technical data:

Widths	260, 300, 360 mm
Roll length	5 or 10 m
Ventilation cross section	approx. 210 cm <sup>2</sup> / m
Material	synthetic reinforced aluminium and synthetic fabric
Colours	red, brown, black
Aluminium strip thickness	0.1 mm
Processing temperature	+ 5 °C to + 35 °C
Temperature resistance	- 30 °C to + 80 °C

### Characteristics:

- Long service life and colour fastness by improved material composition
- Elongation of pleated edge strips > 20 %
- length / width tear resistance of carrier material at least 35 kN
- Metal strips are UV- and weather-resistant
- Extremely high tear resistance



### Processing instructions:

Aeroflex® 210 es can generally be worked without the employment of specialised tools. Only a yardstick, pencil, scissors and a stapler are required. Handling is very easy: Roll out on top of ridge lath, align, remove adhesive protection from butyl strips and form metal strips to fit the roofing, keep pressed down well, and staple in place on the ridge lath. The butyl adhesive strips must be contiguously applied onto the roof slabs and / or tiles. Do not install Aeroflex® 210 es with tension. We do not generally recommend installation if the temperature is beneath + 5 °C. The subsurface on which the butyl adhesive strips are installed, must be dry and free of dust, dirt, oil and fat as well as any other kind of impurities. If modified (cement) roofing slabs are used, especially those with a self-cleaning ("lotus effect") treatment or silicon sealer application, make sure to first test the adhesion of the butyl strips on the roofing slabs. Aeroflex® 210 es is less suitable for strongly structured roof cladding such as corrugated iron or corrugated sheets. We recommend using instead our Aeroflex® 500 models.

### Storage:

12 months from the manufacturing date in the closed original container with a maximum temperature of 30 °C.

### Attention! Important Note:

Above information are based on best present knowledge of current technology, but do not guarantee faultless processing of our products. The information is based on practical results of our tests, but is not binding and does not constitute warranties of characteristics in terms of Federal Supreme Court jurisdiction. Our information does not constitute a legally binding assurance of certain properties or suitability for a specific purpose. Supplementary information by our specialists are merely recommendations, for which no liability is accepted.

Due to the many possible applications of our products, we recommend subjecting the project to a thorough suitability test on original materials before release for further application.

Since our information are non-binding we do not warranty their correctness. For this reason we accept no liability for possible improper processing based on information submitted by our employees.

This technical data sheet replaces all previous versions and is valid until a new version is issued, or until Dec. 31, 2024. Please request the latest version after Jan. 01, 2025.

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