

Aeroflex® 500 es is a universally applicable ventilation strip for lasting ventilation and aeration of the ridge and hip region of pitched roofs and is suited for application on flat roof tiles and roof tiles with no or medium depth profiles.

With the "es" series, an aluminium-synthetic film compound is used. 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® 500 es are folded over to prevent injury.

The perforated EPDM carrier material makes a large ventilation cross section possible whilst providing protection against penetration by insects, snow, dirt and rain. For a perfect durable combination the aluminium strips are sewed up with the elastomer rubber. 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.



Made in Germany

Aeroflex® 500 es offers following advantages:

- Long lasting and colour fastness by improved material composition
- lateral edges are folded over, no sharp edges
- Easy and straightforward handling
- Carrier material sewed up with metal strips
- Extremely tear proof
- For decades approved and successful product

Technical data:

Widths	220, 260, 300, 360 mm
Roll length	5 or 10 m
Colours	red, brown, black
Aluminium strip thickness	0.1mm
Metal strip width	55 or 75 mm
Ventilation cross section	approx. 150 cm ² /m
Elongation	> 25 %
Processing temperature	+ 5 °C to + 35 °C
Temperature resistance	– 30 °C to + 80 °C
Packing unit	2 rolls



Processing notes:

Aeroflex® 500 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® 500 es with tension. The EPDM carrier material must be fully covered by the ridge tiles to protect from weathering and UV-radiation.

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.

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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