

Aeroflex® 840 is a universally applicable ventilation strip for ventilation of the roof covering and is suited for application on flat roof tiles and roof tiles with no or medium depth profiles.

The exceptional bonding of glass filament fabric as carrier material and strong aluminium metal strips is practically invulnerable, resistant to ageing and offers guaranteed protection from environmental influences. A second, perforated metal strip avoids penetration by insects, snow, rough dirt and rain. For a perfect durable combination the aluminium strips are sewed up with the carrier material. The lateral edges of the aluminium strips are folded over to prevent injury.

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® 840 es offers following advantages:

- Effective method for protection from animal trespassers
- No penetration of water, dirt and snow into ventilation is possible any more
- Carrier material is sewed up firmly with the aluminium strips
- For decades approved and successful product
- Offers optimal ventilation according to DIN 4108
- Marking of the medial strip for fast installation on the ridge lath
- Carrier material is classified as flame resistant, A2-s1,d0

Technical data:

Thickness of the embossed product without butyl	approx. 4.5 mm
Thickness of the aluminium strip thickness	0.16 and 1.2 mm
Temperature resistance	- 30 °C to + 80 °C
Processing temperature	+ 5 °C to + 35 °C
Colours	tile red, brown, black
Width	320 mm
Width of the metal strips	100 mm and 60 mm
Elongation of the metal strips	> 25 %
Ventilation cross section	approx. 150 cm ² /m
Roll length	5 m
Packing unit	4 rolls
Butyl strips	20 x 2 mm
Carrier material	Glass filament fabric

Processing notes:

Aeroflex® 840 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 the lower 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® 840 with tension. The carrier material must be fully covered by the ridge tiles to protect from weathering and UV-radiation. After installation of the ridge tiles, the upper, goffered aluminium strips are shaped to the underside of the ridge tiles.

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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