

Description:

In the product range of flashing elements for sealing of joints on steep roof perforating and rising construction elements e. g. connections to chimneys, walls, and rails, 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 are folded over to prevent injury while installing by hands.



Rooflex® es has a calotte embossed surface, therefore it permits optimal attachment on the desired point to conform to the desired shape. The metal surface is weather proof and UV resistant. For optimal handling, the adhesive layer is covered with a siliconised, tear proof, divided, and overlapping plastic foil.

Rooflex® 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
- Extremely tear proof
- Extremely strong connection between self-adhesive strips and aluminium
- Improved mechanical features by compound of aluminium and synthetic film
- High UV and temperature resistance



Technical data:

Thickness of the profiled product with self-adhesive layer	approx. 2 mm
Thickness of aluminum	approx. 0.1 mm
Temperature resistance	- 30 °C to + 85 °C
Processing temperature	+ 5 °C to + 35 °C
Colours	red, brown, black
Widths	280 mm
Roll length	5 m
Packing units	2 rolls
Surface preparation	dry, free of dust and dirt
Fire behaviour	normal inflammable, class E

DIN EN 13501-1

Processing notes:

Rooflex® es will be delivered in handy rolls and is easy to install. Use the scissors to cut Rooflex® es to the appropriate length. The material should then be shaped to fit the general contour of the roof. Remove part of the covering foil from the adhesive layer on the underside and press Rooflex® es into place. After fixing into place, continue pulling off the covering layer and pressing the product into place. Stretch if needed. Afterwards press the sides firmly with the pressure roller.

Strips of Rooflex® es can also be glued on top of one another. Care must be taken, however, that the aluminum is pressed smooth with the pressure roller on the overlapping contact spots, and thus seals tightly to the background. Corners should be sealed with special care. It is important that the upper edge be sealed with a commercially available aluminum rail. This can be done with aluminum joint connection rails, which should first be firmly pegged into the background and then sealed with permanently elastic sealant.

Working with Rooflex® es is not recommendable at temperatures of under + 5 °C or if the background is damp. Furthermore, we strongly recommend closely following the handling instructions enclosed in every package of Rooflex® es!

When roof tiles are used, which have a modified surface, e. g. which is siliconised or supplied with a Lotus effect, the adhesive power of the butyl bonding layer has to be tested on this roof tiles.

Storage:

Store dry at temperatures of max. 30 °C without exposure to direct sunlight. Can be stored for 12 months in tightly closed original packing drum.

Application:

Rooflex® es offers users an excellent functional solution with a good outer appearance for joint and sealing work on chimneys, walls and all other rising construction elements.

Due to the specific profile and the low degree of material strength, it is possible to form the sealing strip fit optimally with the contour of the roofing. In addition, the profile makes it possible to bend the sealing strip as desired to better fit contours.

Rooflex® es suits excellent for both small-format roofing materials and all low structured, smooth roof materials and foundations, for example for:

- flat tiles
- sideways connections to rising construction elements in roofing

For all small format roofing materials and very corrugated surfaces our product Aeroflex® es suits the better.

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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