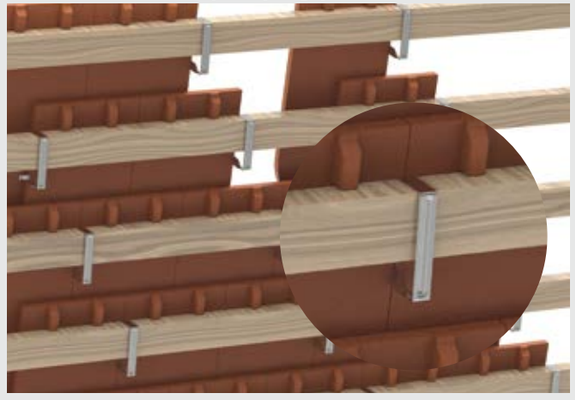
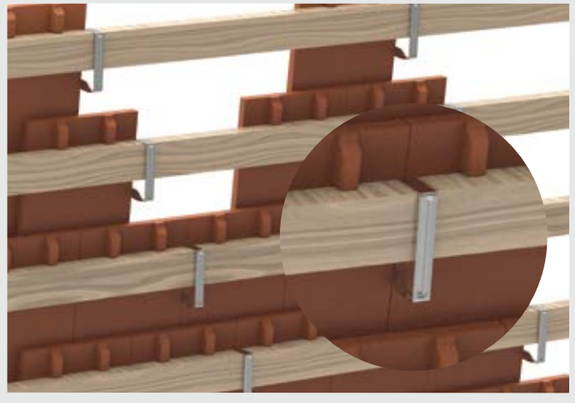
Laying pattern 415c®

Beaver double-lap, laying pattern 1:2



Beaver double-lap, laying pattern 1:3



>>> Depending on the wind uplift calculation, diagonally offset clamping will take place on every beaver tail tile, every second beaver tail tile or every third beaver tail tile.

Mechanical fixings and storm safety of covering materials for roofs and facades

We offer you the most versatile clip range for fixation and professional wind uplift safety of small-format covering materials for roofs and facades in Europe. All FOS® products are delivered by dealers and industry partners.

Our mobile roofing tools on www.fos.de assist you to work fast and easy on the topic of storm safety:

FOS ClipCHECK®
The product finder determines the suitable clips for each object.

FOS CombiCHECK®
The reverse search enables you to determine allocation of covering materials for usage with clips available in-stock.

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> Fixing
> and
> professional storm safety
> for beaver tail coverings

Beaver tail clips at a glance

Retailer stamp

Laying pattern 425

Beaver double-lap, laying pattern D 2

Beaver crown tile roofing, laying pattern K 1

>>> Depending on the wind uplift calculation, clamping will take place on every batten, every second batten or every third batten. The calculation can be performed in a matter of minutes with the FOS WindCHECK on www.fos.de.

Double-lap and crown tile roofing

425

Beaver double-lap

The handy design of the 425 prevents clips from jamming below one another and simplifies the tool-free installation process.

The optimised clip focal point facilitates a secure fit.

The low weight and small packaging dimensions make handling on the roof and in the warehouse easier. The packs contain 500 items for clamping up to 22 m².

The storm clips are installed in rows rather than the standard diagonal laying pattern. This results in higher wind uplift resistance and makes it easier to lay beaver tail tiles.

Due to its handy design and packaging, simplified tool-free installation process and effective row layout, the 425 shortens installation times significantly.

What's more, tower plain tiles can also be fixed with the 425.

Beaver crown tile roofing

Double-lap

415c®

Beaver tail tiles, in a double-lap layout, are fixed with the 415c® clip. The clip's dimensions are determined by the thickness of the beaver tail tiles and the batten dimensions. Drilling and screwing work is eliminated.

415®

The 415® beaver tail clip is suitable for screwing at battens.

Please enquire as to whether a variant can be assigned for your beaver tail tile and batten combination.

Crown tile roofing

415c® and 415®K

The covering layer in crown tile roofing is reliably fixed using the 415c® and 415®K combination.

Application:

1. The 415c® is fixed at the main battens on every second beaver tail tile of the bearing layer.
2. Connect every second beaver tail tile of the covering layer to the bearing layer using the 415®K.
3. Connect every beaver tail tile of the covering layer to the next bearing layer using the 415®K.

The required clip quantity depends on how many tiles need to be fixed:
To secure 100 tiles 25 415c® and 75 415®K are required.

Once you have selected the beaver tail tile, you can perform a case-by-case calculation for your property on www.fos.de using the FOS WindCHECK®.

The beaver tail clips come in stainless steel and, in some cases, ZIAL®, and are available for different battens and thicknesses of beaver tail tile. The FOS ClipCHECK® provides you with the most suitable clip.

Crown roof truss beneath ridge

415®b

The 415®b beaver tail clip secures the **crown roof truss beneath the ridge**.

Important: It is mandatory to fix the last covering roof truss beneath the ridge if clipping is required in the ridge area according to the technical rules. Each beaver tail tile in this row must then be fixed. With the 415®b, you benefit from being able to meet the requirements of the technical rules.

Two arches prevent the covering layer from tilting at the screw head and ensure an even undercloak for the last row of beaver tail tiles.

Hip with double-lap and crown tile roofing

513

The 513 installation aid is simply pressed on the cut beaver tail tiles at the hip and the wire is fixed to the sub-construction.

The installation aid is also used as a replacement lug when suspension lugs are missing. Pressed on in sideways, the tile can be laid on the sub-construction or the bearing layer.

02/2024 04847