



S:FLEX Insertion System ELS

PV mounting system for facades and pitched roofs



Classy looks, sophisticated technical details

With the S:FLEX insertion system, PV systems can be implemented with module surfaces that fit harmoniously and coherently into the look of the building, despite the low installation and maintenance costs. An innovative module clamp and the one-for-all insertion rail for module frame heights of 25 to 45 mm ensure that aesthetics does not mean sacrificing functionality.

The patent-pending insertion rail of the S:FLEX modular system is not only structurally particularly stable, but also simplifies storage thanks to its universal usability.

As a pitched roof application, the S:FLEX insertion system is particularly flexible, easy to plan and rearrange, because it can be combined with all S:FLEX fastening solutions for tiled and metal roofs.

An overview of the advantages:

- Can be installed as a PV facade system or used on noise barrier walls and solid balustrades on balconies
- When mounted on pitched roofs the insertion system offers aesthetically pleasing modular surfaces with clean finishes for any type of tile covering as well as metal roofs
- Components for a special look also available in black
- With newly developed module clamps that combine the advantages of floating installation and firm clamping: no rattling of the modules and no thermally induced glass breakage or micro-cracks
- Aluminum spacers integrated in the module clamps make installation/maintenance of additional rubbers et al. redundant
- Simple grounding and optimised service: Modules can be loosened and removed with just a 5 mm Allen key thanks to maintenance gaps

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Technical Data

ELS rail



ELS side cladding



ELS eaves cladding



ELS Fix clamp



ELS cross adapter clamp



Application

Facades, noise protection walls and massive balustrades or pitched roofs with roof tiles, sheet metal roofs

Fastening

Facade: on-site
Pitched roof: parallel to the roof, compatible with all S:FLEX fastening solutions for tiled roofs and metal sheet roofing

Module type

Framed modules

Module size

All common sizes

Module orientation

Portrait/landscape

Building height

25 m max.

Wind load

Up to 2.4 kN/m²

Snow load

Up to 5.4 kN/m²

Materials

Aluminium and stainless steel,
100 % recyclable

Colour

Black/natural, extruded finish

Warranty

10 years on durability of materials



Roof-mounted S:FLEX Insertion System