

# PlankClip system

Maximum aesthetics and safety thanks to the modular fastening system



PlankClip system

# Freedom of Design

The concealed, mechanical fixing system for horizontal or vertical planks / lamellas offers you exceptional design freedom thanks to a wide range of offset options on the façade. With narrow joints of 6 mm, you can create a modern appearance that meets the highest aesthetic demands. The system allows the installation of panels in heights from 100 mm to 300 mm, whereby different panel-lengths can be combined to create a visually appealing laying pattern.

The PlankClip is suitable for both timber and metal subconstructions. The quick and easy installation saves you valuable time and money. The system also complies with fire protection class A2, ensuring maximum safety. The PlankClip system is ideal for remediation of non firesafe installations of real timber planks or tongue and groove systems.

Discover the advantages and flexibility of our innovative fastening system and design your façades more individually than ever before.



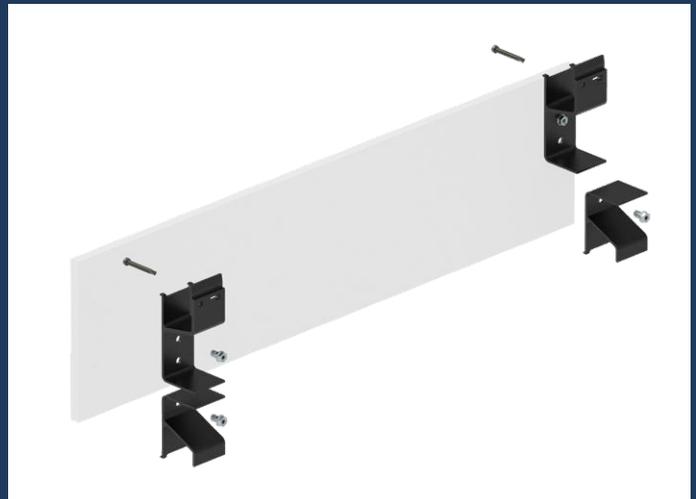
### Aesthetic and versatile

- Non-visible fastening system, but still demountable
- Panel can be cladded on either metal or timber profiles
- Horizontal and vertical orientation of the panel possible
- Various offset options can be realized
- Planks can be cut from standard boards - freedom of design and a wide range of colours and designs are available

### Secure

- Mechanical fastening of the panels
- Tested and approved system with Rockpanel A2 9 mm boards (ETA pending)
- Fire rating class A2-s1,d0 when used with timber or aluminium subconstruction

**Introducing a revolutionary system designed for easy and efficient construction. It features straightforward installation with a comprehensive kit and on-site assembly, reducing costs and logistics. Replaceable panels simplify maintenance without dismantling the structure.**



### Easy Installation

- Straightforward installation
- Comprehensive installation KIT
- On-site installation
- Flexible directional installation
- The edge of the clip functions as a measuring stick
- Easy to apply on the jobsite
- No use of EPDM gaskets, which is a saving when using a timber sub-construction

### Planning and maintenance efficiency

- Quantity calculation software
- Drilling pattern output
- Project-specific static calculations
- Pre-calculated fixing tables available for buildings up to 10 m
- Modular system – it is possible just to remove a single plank (as opposed to stacking clips or tongue/groove systems)

The coordinated components are offered as a complete installation kit. Depending on the panel width, different components are available in the corresponding installation kit



### SFS Clips

#### RCLIP h 100 mm x d 40 mm x w 36 mm

- Can be used standalone when width is 100-145 mm
- Almost invisible when installed due to black coating to ensure discrete installation
- Simple installation thanks to depth stop
- Guarantee of thermal expansion by fixing as a fixed and sliding point
- Resulting in a ventilation cavity of  $\geq 40$  mm which allows the benefits of pressure equalisation

#### RCLIP-SHORT h 60 mm x d 42 mm x w 36 mm

- Additional clip used in combination with the RCLIP, when plank width is 150-300 mm



### SFS TU-S 6x9 mm anchor

- Enables time-saving installation of the clips on the reverse side of the panels
- Simple standard blind hole is sufficient - no complex undercut required
- Blind holes can also be drilled on site
- Secured against loosening
- Removal possible via hexagon head
- Tailored to the highest requirements of the panels



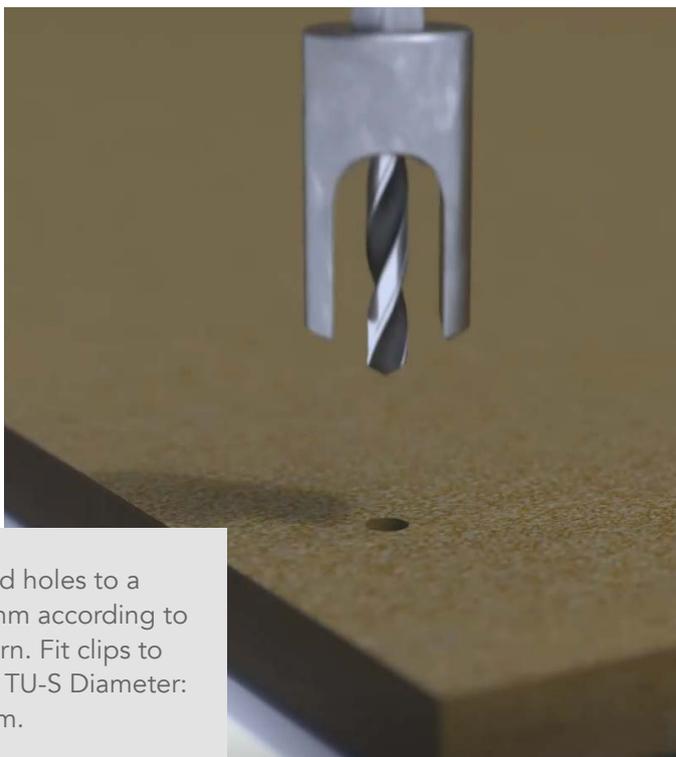
### SFS SDAW fastener 4.5 x 34 mm

- Suitable for timber and aluminium substructures
- Virtually invisible due to the black coating of the fastener
- Over-tightening protection due to ribs below the fastener head

## Installation steps



**Step 1:** Drill blind holes to a depth of 6.5–7 mm according to the drilling pattern. Fit clips to the panels using TU-S Diameter:  $\varnothing$  5.9 –  $\varnothing$  6.0 mm.



**Step 2:** Add clips to install on the facade

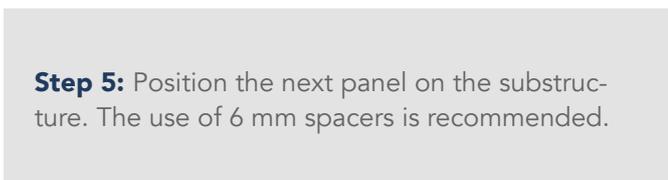
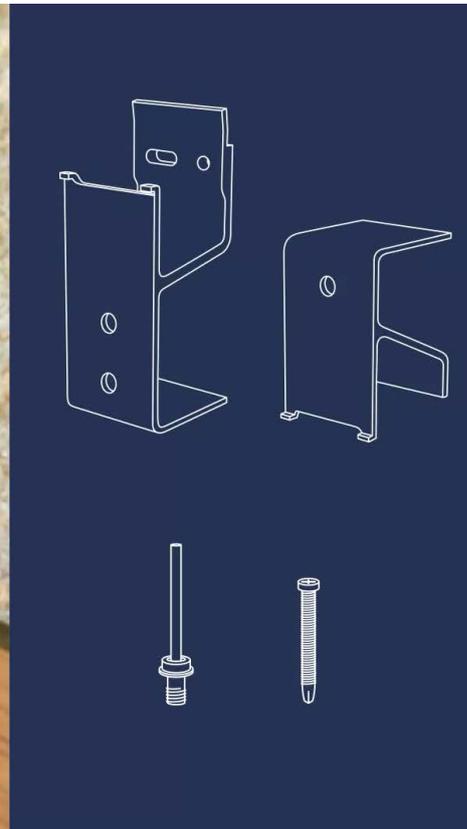


**Step 3:** Position the first panel on the aluminium or timber substructure.

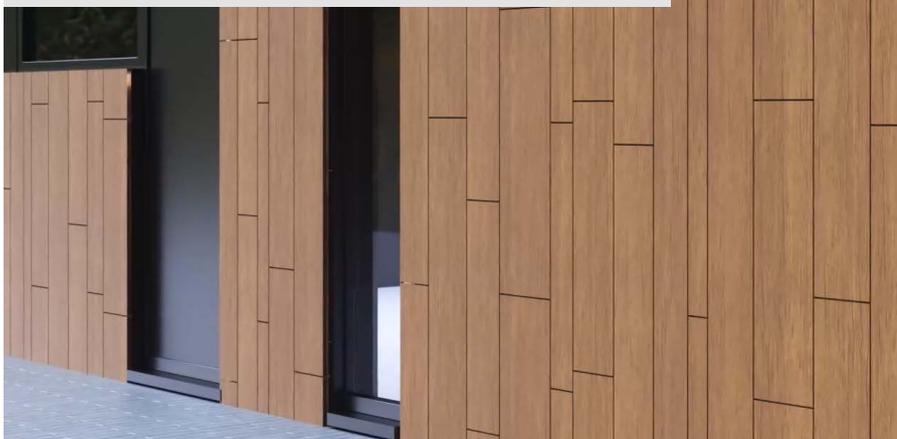




**Step 4:** Fix the panels by using the SDAW-Fastener. For each panel one fixed-point shall be created by fixing the PlankClip through the roundhole. All other PlankClips are fixed through the slotted-hole to create a sliding-point.



**Step 5:** Position the next panel on the substructure. The use of 6 mm spacers is recommended.



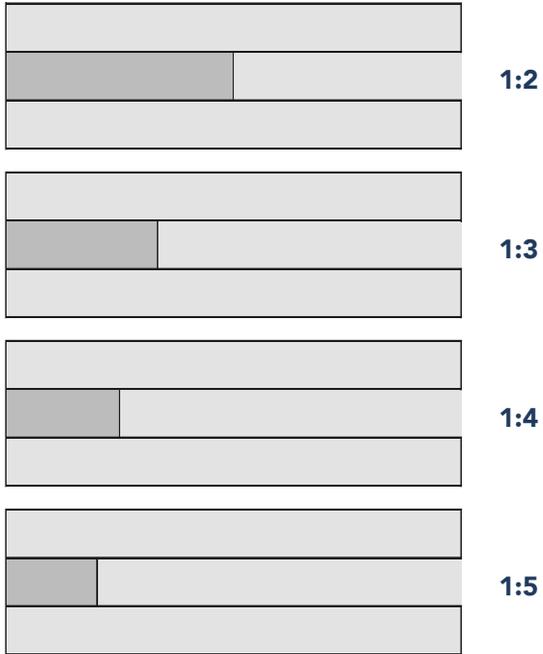
**Step 6:** Repeat the steps until your facade is completed.

View the instruction video:



# Example of panel pattern with offset

The possible offsets depend on the selected panel width and the statically determined center distance for the subframe.



## BUILDING INSPIRATIONS



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