Sapa Solar Shading 4550
Sun shades that combine function and design
Sapa Solar Shading 4550 Bow

The springy bow form lends lightness to the facade. The form reflects the sunshine and can provide indirect, soft lighting for the rooms.

The solar protection can be arranged vertically or horizontally. It can be installed as a self-bearing structure or as a secondary structure on another bearing framework. The surface treatment can additionally emphasise the form and expression of the profiles.
Alternatives 1, 2 and 3: The unattached louvers are installed directly on the bearing profile, which can be arranged vertically or horizontally. The vertical line can be additionally emphasised by installing decorative profiles from the Expressive family of the Facade system 4150.

Alternative 4: The louvers are screwed to the end/side profiles, which makes it possible to pre-fabricate sections. The sections are installed vertically on aluminium bearing profiles. Only available with Bow louvers 190 mm in this embodiment.

Fittings: Complete set of fittings for fixed installation of louvers at an angle of 0º, 15º, 30º or 45º.

Louvers: 190 or 300 mm wide.
Sapa Solar Shading 4550 Wing

The solar protection can be arranged vertically or horizontally. The Wing, installed in an unbroken line, gives a minimum visual division into sections. It can be installed as a self-bearing structure or as a secondary structure on another bearing framework. The surface finish can additionally emphasise the form and expression of the profile.

As the profile meets the light and the wind in a soft manner, the form takes your thoughts to aerodynamics.
Alternatives 1 and 3: The unattached louvers are installed directly on the bearing profile, which can be arranged vertically or horizontally. The vertical line can be additionally emphasised by installing decorative profiles from the Expressive family.

Alternative 2: The unattached louvers can be installed directly on the vertical bearing profile or directly into our Add fastening profile in a so-called unbroken line, which gives the impression of a clear direction.

Alternative 4: The louvers are screwed to the end/side profiles, which makes it possible to pre-fabricate sections. The sections are installed vertically on aluminium bearing profiles.

Fittings: Complete set of fittings for fixed installation of louvers at an angle of 0°, 15°, 30° or 45°.

Louvers: 190 or 300 mm wide.
Sapa Solar Shading 4550 Box

The uncompromising form lends the facade a strong expression. Modernism in aluminium.

The solar protection can be arranged vertically or horizontally. It can be installed as a self-bearing structure or as a secondary structure on another bearing framework. The surface finish can additionally emphasise the form and expression of the profile.
Alternatives 1, 2 and 3: The unattached louvers are installed directly on the bearing profile, which can be arranged vertically or horizontally. The vertical line can be additionally emphasised by installing decorative profiles from the Expressive family of the 4150 system.

Alternative 4: The louvers are screwed to the end/side profiles, which makes it possible to pre-fabricate sections. The sections are installed vertically on aluminium bearing profiles. This alternative gives a robust appearance and a clear visual profile.

Fittings: Complete set of fittings for fixed installation of louvers at an angle of 0°, 15°, 30° or 45°.
Louvers: 190 or 300 mm wide.
Surface finish: Anodising or powder coating.
Sapa Solar Shading 4550 is suitable in places where external solar protection is needed. The installation of the solar protection is adapted to the facade type.

**Architecture and design.** Sapa Solar Shading with its three louver types provide a great freedom of choice and a possibility to add and emphasise the architectural values. If required, it can be custom designed. Detail solutions and refined finishing elements are important. It is the entirety that determines which solution is the best one. Every building is unique through its location, use and architecture. We use the three basic designs as the point of departure for our fixed solar protection solutions.

Aluminium is a material that creates good prerequisites for a durable and more resistant solar protection.

**Installation examples**

The choice of Solar Shading installation affects the building’s expression.
Add is a console system with a characteristic slot adapted for adding special facade features.

Add fastening profiles mounted on the 4150 facade system offer flexible mounting and the ability to add special facade features. The solar protection fittings can be elegant and simple. Even other important functions, such as lighting, signs, rainwater downpipes or lightning conductors, can be installed in the Add profiles.

Simple, with possibilities for future functions.
Read more about Add in the Facade section.
Vertical installation with self-bearing console, unbroken louver line
Vertical installation in fastening profile Add, unbroken louver line

Horizontal installation with self-bearing console, broken louver line
Vertical installation with self-bearing console, broken louver line

Vertical installation on ground foundation, broken louver lines
Bow, Wing and Box vertical installation in end/side profile
Example of horizontal assembly with fixation in Add fastening profile

Example of vertical assembly with fixation in Add fastening profile