

ARCHITECTURAL GLAZING

Brise Soleil Data Sheet Rev 2 (2006)

Brise Soleil (Sun Break) is the name given to the external solar shading of windows / curtain walling on buildings. The systems used by advocate are of aluminium construction & can be manufactured in any standard RAL colour to match or contrast the décor of your building.

Advocate can provide the calculations to meet the degree of shading required for your project
You need to be aware of the following

Orientation of Building

Are all elevations to have Brise soleil or certain areas. The elevations bearing ie South or East facing.

The Latitude of the Building

(for South East England this is generally 51 degrees)

Height of Glazing

The height of the windows / curtain wall which is to be shaded

Level of Shading

100% shading throughout or lower levels of shading at different times of day.
(calculations are usually based on sun levels in June)

Motorised or Fixed

Brise Soleil can be installed as a fixed option or a motorised version which can change the angle of the blades at different times of the day or year & can be linked into your Building Management System

There are three main types manufactured, supplied & Installed by Advocate .

Underslung

Overslung

Vertical

Advocate AG can design, manufacture & install Brise Soleil to most building types & applications

Please contact us with your specific project requirements



Underslung/Overslung — Brise Soleil

The most popular version of Brise Soleil is Underslung. It is estimated that 95% of Brise Soleil installed in the UK is underslung. Its clean profile (viewed from below) versatility and cost effectiveness all add to its appeal.



As the name implies Underslung/Overslung refers to the position of the extruded aluminium blades in relation to the supporting rafters.

Overslung has the supporting rafters above the blades

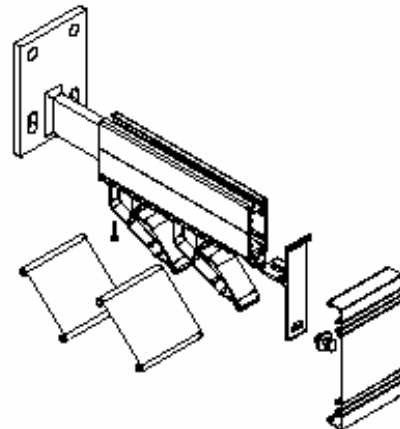
Underslung has the supporting rafters below the blades

The extruded aluminium blades reduce Solar Heat Gain & Solar Glare, whilst optimising diffused daylight to comply with Document L2.

Rafters can be fixed to building face such as brickwork or to windows / curtain wall supplied by advocate.

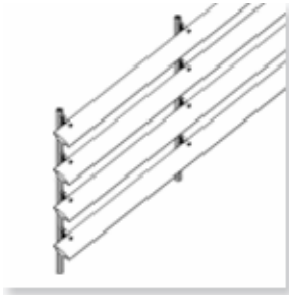
In some circumstances steel work is projected through the building to accommodate the Brise Soleil & act as a maintenance platform.

All advocate's Brise Soleil systems can be fitted with a fascia to further improve aesthetic appeal.



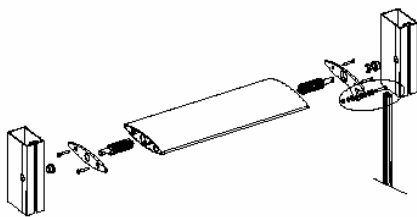
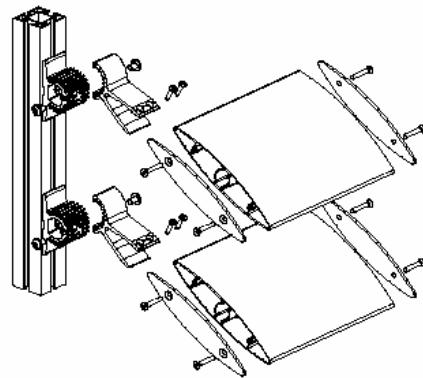
Please contact advocate to discuss your requirements on specific projects

Vertical / Motorised — Brise Soleil



Vertical Brise Soleil refers to the framing supporting the aluminium blades. The elliptical blades & austere lines add to the architectural aspect of the design.

The system allows the blades to be set varying angles of incline between 5 degrees — 15 degrees depending on the system & application



Motorised systems—can be linked into the building management system to change the angle of the blades throughout the day, thereby minimising Solar Glare/Gain & increasing comfort levels throughout the building.

Advocate can design manufacture & install the brise soleil with your M&E contractor or Building Facilities Management team completing the automatic set up.