

Brise Soleil and External Shading Fins



Emtec extruded aluminium fins are used for solar shading of glazed facades. Benefits can include a reduced heat load on the building leading to increased occupant comfort, optimised natural light and a reduction in the whole energy consumption of the building.

The aerodynamic profile provides strength and rigidity to allow large spans between supports, and also provides a low resistance to wind.

Spacing and angle of the fins can be varied to provide the desired amount of shading.

Many mounting and support options exist which can be tailored to suit the needs of each project.



- ✓ A wide variety of brackets and fixing arrangements ensure Emtec's solar shading systems can be tailored to suit virtually any type of building façade.
- ✓ A considered design ensures plenty of daylight can enter building whilst maintaining good outward visibility.
- ✓ Fins can be arranged to project horizontally above the window or rise vertically in front of the window.
- ✓ The hollow blades are extruded from recyclable aluminium and available in widths of 0.3m to 6m.
- ✓ The profile ends are sealed with laser cut aluminium end caps. The end caps can incorporate mounting points for an integral, but virtually invisible, stainless steel tensioned wire along the top of each blade to prevent the roosting of birds.
- ✓ All aluminium and stainless steel construction provide a corrosion free and virtually maintenance-free system.
- ✓ The extruded aluminium sections can be anodised or polyester powder coated to meet the architectural requirements.
- ✓ Fins can be developed to just about any shape required – our range is not limited to the standard aerofoil profile extrusions shown here.
- ✓ Please contact us to discuss your specific requirements with one of our engineers.

