



Fabric and Mesh Shading Systems

MallasolTM

Fabric Shading



S O L I N E A R

integration / imagination / innovation

Mallasol™

Using bespoke metalwork perimeter framing and a range of either fabric or metal mesh infills Solinear can provide a striking and versatile architectural screening product to the building façade.

MATERIALS

Vertical shading fins can be supplied using aluminium perforated mesh with round, square or slot patterns in either rectangular or elliptical section geometry. Alternatively fins can be supplied with fabric infill, manufactured from Serge Ferrari preconstraint fabric including 502, known for its smooth finish high UV and weather protection and Soltis 86 which utilises a 14% open weave to provide solar protection whilst maintaining an exceptional level of transparency and outward visibility.



VERSATILE APPLICATIONS

Car park mesh screening is provided using bespoke design sub-structure systems with a selection of metal patterned or fabric infill materials all with either a polyester powder coated or anodised finish.

The Mallasol range can be used as vertical feature fins or horizontally, as a canopy arrangement. Each with a customisable support structure to suit the building specification.



Our start to finish service

PROJECT MANAGEMENT

All projects are managed by fully qualified and experienced project managers, guaranteed by us to be responsible for the efficient and successful implementation of the product, manufacture and installation.

DESIGN

We design all of our products using the very latest Autodesk Mechanical and Inventor 3D design software, allowing us to incorporate external details and supply our drawings and design documents in electronic DXF/DWG/DWF or PDF file format for easy collaboration, design reference and inclusion directly into your own CAD details or model.

BIM

We are BIM level 2 compliant and as such BIM models of our products are available for download through our dedicated online library at www.solbim.co.uk



ADVANCED ANALYSIS

Sun path solar analysis can be carried out to support our solar shading proposals. Specialist computer software uses predictive ray casting technology to model the sun's paths and subsequently calculate the amount of sunlight penetrating the building façade after our solar shading system has been taken into account.

Using the graphical data produced we can assess how the current solar shading proposal performs and potentially how it could be enhanced, to reduce the amount of glare and additional heat affecting the internal space of the building.

INSTALLATION

To ensure your complete confidence in our projects we employ fully trained CITB registered installation engineers for each project. All associated installers will possess relevant CSCS documentation, IPAF and PASMA training. All site supervisors have SSSTS at minimum.





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