



SOLINEAR

imagination | innovation | integration



MEDERA

timber solar shading and louvres



MEDERA **TIMBER**

timber solar shading & louvres

INTRODUCTION

The Medera product range offers the natural beauty and character of wood to provide sustainable solar shading and architectural louvre solutions. Timber blade profiles alongside subtle and bespoke support structures bring a modern, stylish and contemporary appearance to any building façade.

WHAT WE OFFER

We offer a full Design, Manufacture and Installation service for our range of static and operable external timber solar shading solutions.

Almost any geometry can be supplied dependent upon a practical and technical review from our engineers. The aesthetic and design possibilities of our timber solar shading and architectural louvres systems are therefore, virtually without limits.



HOW WE WORK

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.

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.





SOLEX MEDERA SOLAR SHADING

Our range of Medera Timber provides exceptional manufacturing versatility in terms of size and geometry. We can achieve virtually any solar shading blade profile. It's Eco-friendly, sustainably sourced and PEFC certified.

ORIENTATION	BLADE TYPE	PROFILE GEOMETRY	VARIANCES
Vertical	100	Elliptical	Operable
Horizontal	150	Rectangular	Removable
- Continuous	200	Square	
- Modular Cassette	300	Trapezoidal	
	400	Circular	

SPECIES

Western Red Cedar
Siberian Larch
Scandinavian Redwood - Thermowood D
Accoya Wood
IROKO
European Oak
Red Meranti
Sweet Chestnut



AQUARIUS MEDERA TIMBER LOUVRES

The Medera™ product range is also suitable for louvred ventilation grilles and roof plant louvre screening. The louvre blades are clamp-fixed between extruded aluminium channel section clips, and fixed back to vertical support mullions to enable a secure and consistent product installation.

Medera timber louvres can be supplied factory-assembled modular panels or kit form systems for site assembly and installation.

ORIENTATION

Vertical
Horizontal
- Continuous
- Modular Cassette

BLADE TYPE

100
150
200
300
400

PROFILE GEOMETRY

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VARIANCES

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DESIGN



MANUFACTURE



INSTALL



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SOLEX
solar shading

AQUARIUS
louvre systems

MEDERA
timber systems

SOUNDEX
acoustic systems