



Access Walkways

Solway™

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S O L I N E A R

integration / imagination / innovation

Solway™

Following the trend for architects to enhance natural spacial light within a structure's internal environment, maintenance walkway systems are essential for servicing full height glazing to a building façade.

Solinear have developed a number of access walkway systems that can be supplied as modular or continuous in construction, manufactured from either galvanised mild steel or extruded aluminium sections to provide a cost effective solution to access requirements on any building.

As part of our solar shading product range, Solinear have developed an integrated "walk-on" access system that offers an attractive, lightweight, architectural access solution for building maintenance to the façade and solar shading elements.

PROFILES

Solway™ access systems can be used in conjunction with any of our Solex™ solar shading or Aquarius™ XLINE range of products and will provide a safe access portal to the building. When combined with our solar shading systems they can be designed to fully integrate with the shading support structure to enable a discreet, weathertight, simple structural interface back to the building via the glazed façade.

Solinear will design, manufacture and install access walkways to meet the client specification, expected use and loading requirements of the project.



PANEL CONSTRUCTION

Steel

Our steel access walkway panels are fabricated using mild steel flats and rounds, pressure interlocked or welded to achieve the required performance. The walkways are galvanised after manufacture and can be supplied with this finish or alternatively, with a polyester powder coated finish.

Aluminium

Our aluminium access walkway panels are fabricated using extruded aluminium 'T' sections and 'Angles' clipped or bolted together to achieve the required performance. The walkways can be supplied with either a polyester powder coated or anodised finish.

All Solway™ access walkway systems are fully supported by independent structural design to current BS/EN standards and codes.



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

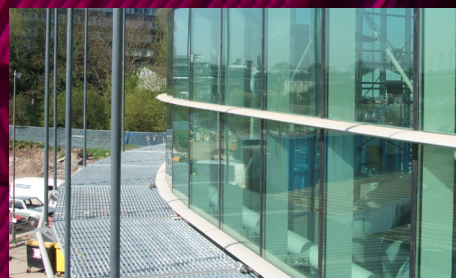
Sun path solar analysis can be carried out to support our solar shading proposals. Specialist computer software uses predictive ray casting technology to model the sun's paths and subsequently calculate the amount of sunlight penetrating the building façade after our solar shading system has been taken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





01347 879046
01572 720449



www.solinear.co.uk
mail@solinear.co.uk



Oaktree House,
Alan Farnaby Way,
Sheriff Hutton Ind Park,
Sheriff Hutton, York.
YO60 6PG