

WLC75

Louvre Screen System

Clip-fit aluminium screening for external plant.



Screen the plant. Complete the architecture.

A coordinated system of louvre blades, supports and access options, tailored to your project.

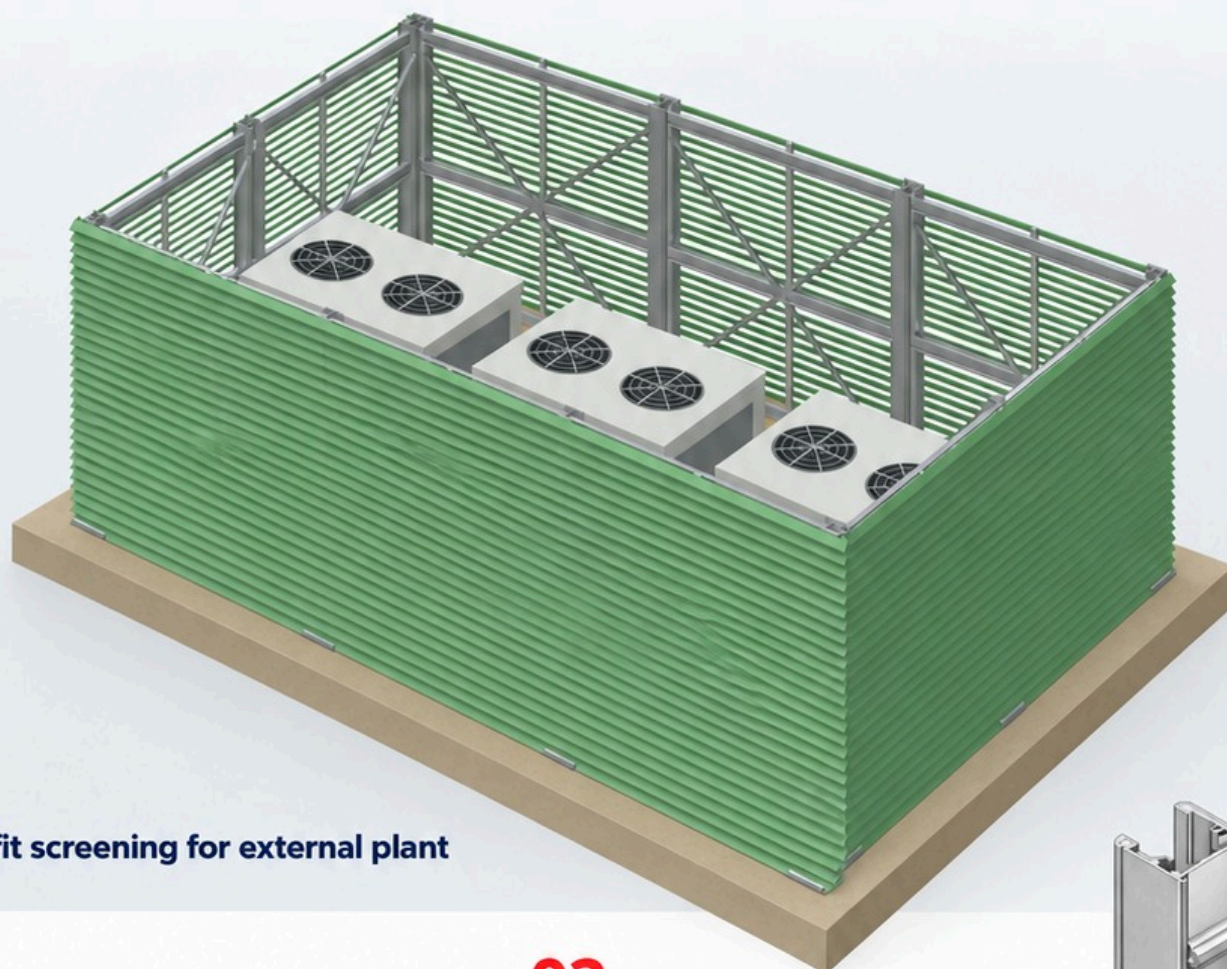
Clean continuous lines

Flexible configuration

Design to installation

A coordinated screen. A simpler project.

Choose the layout, finish and level of support that your project needs.



Clip-fit screening for external plant

01

A cleaner architectural finish

Continuous louvre lines help integrate plant areas with the surrounding building.

03

More coordinated interfaces

Supports, cladding connections, corners and access doors can be considered together.

02

Flexible installation

Factory-built modules or components for site assembly suit different openings and site conditions.

04

Support from start to finish

Waterloo can provide design, manufacture, supporting steelwork and installation as one package.



Supply only

Factory-built panels

Complete installed package

ROOFTOP PLANT

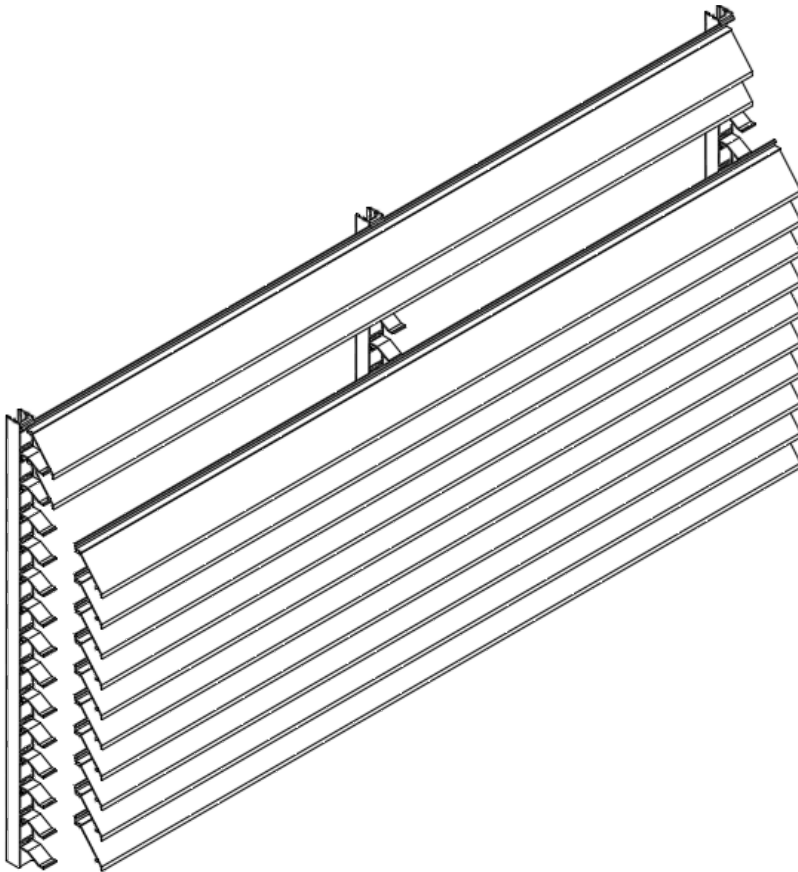
HVAC EQUIPMENT

SERVICE AREAS

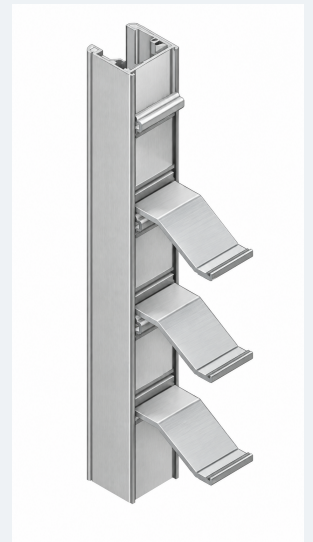
CAR PARKS

See the system come together.

A continuous louvre face, supported by a coordinated system of blades, clips and mullions.



Continuous-line assembly



Mullion and clip-bracket detail

01

Support the screen

Coordinate the supporting structure and fixing positions with the project.

02

Position the mullions

Set out mullions and clips to the agreed blade pitch and support arrangement.

03

Complete the face

Fit the clip-on blades and finish the corners, ends and access openings.

WATCH THE ASSEMBLY ANIMATION

waterlooacoustics.com/louvre-screens/

The detail behind the finish.

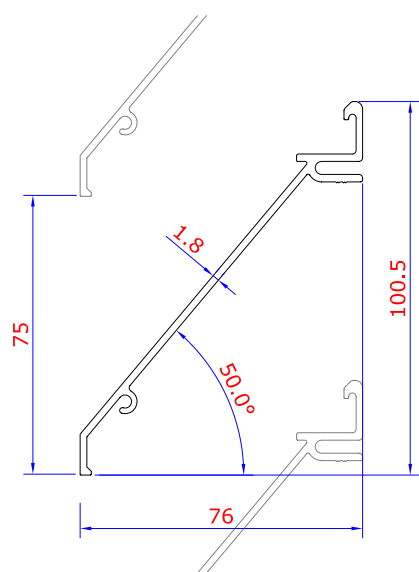
Original component sections, presented together for easier specification.

75 mm pitch

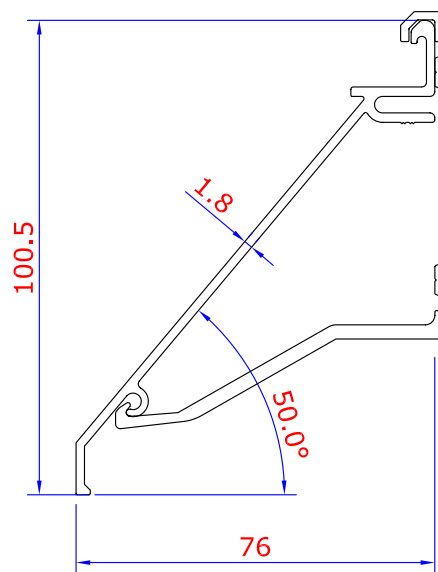
Approx. 50% free area

Aluminium

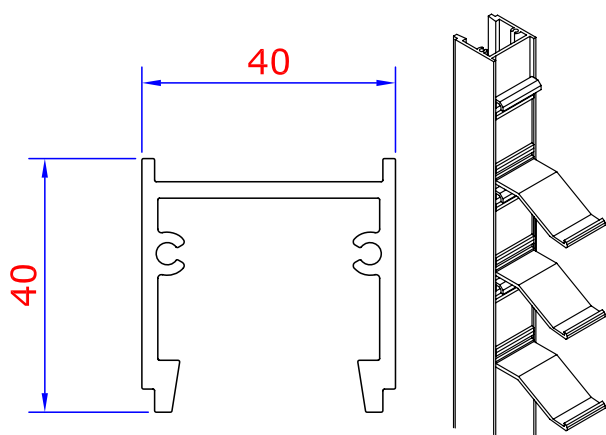
01 Blade profile



02 Blade with clip

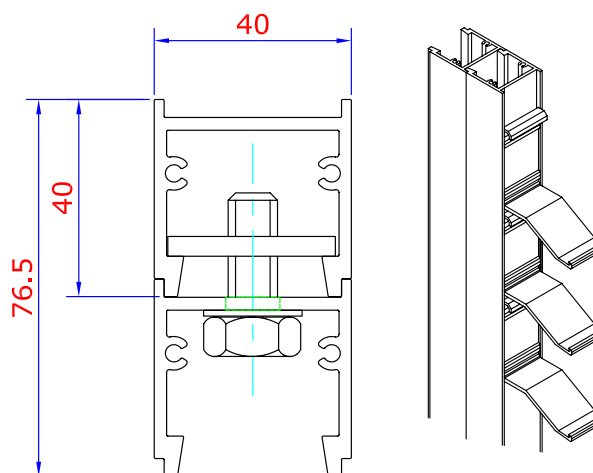


03 Standard mullion



40 x 40 mm section

04 Double mullion



40 x 76.5 mm overall assembly

Dimensions in mm. Drawings not to scale. Profiles reproduced from the supplied Waterloo guide.

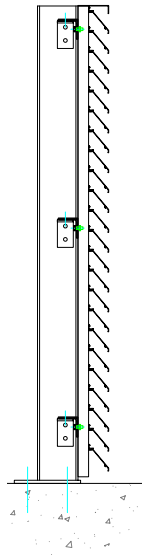
DESIGN CONCEPT | Technical content for review

Designed into the building.

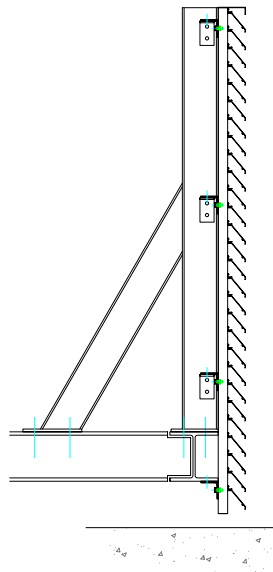
Coordinate the screen with the structure, access requirements and architectural interfaces.

SUPPORT AND OPENING ARRANGEMENTS

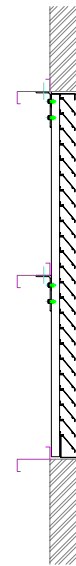
Concrete base



Existing steelwork

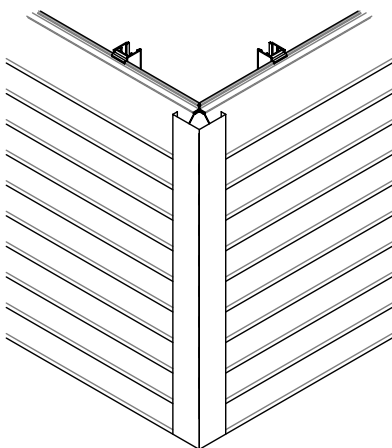


Structural opening

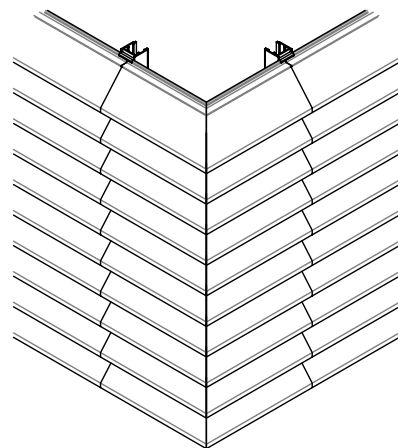


Indicative source details. Support sizes, anchors and weathering are designed for the specific installation.

CONTINUITY AT THE CORNERS



Pressed corner flashing



Mitred corner arrangement

Original drawing geometry retained. Detail selection and dimensions subject to project review.

DESIGN CONCEPT | Technical content for review

Make it fit your project.

Choose the appearance, access and finishing details around your installation.



One coordinated finish.

Practical access built in.

01 Screen layout

Modular panels or continuous-line assemblies.

02 Access

Matching louvered doors for maintenance routes.

03 Protection

Bird mesh, insect screens and vermin guards.

04 Interfaces

Blanking panels, penetrations, head and sill details.

05 Corners

Pressed flashings or mitred corner arrangements.

06 Support package

Purpose-designed steelwork and installation options.

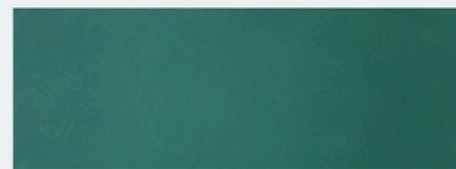
Finishes to complement the scheme



Mill finish



Anodised



Powder coated

RAL and BS colour choices. Samples to be agreed for the project.

Your drawings. Our next conversation.

Send your dimensions, location, airflow and access requirements for design guidance and budget pricing.

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