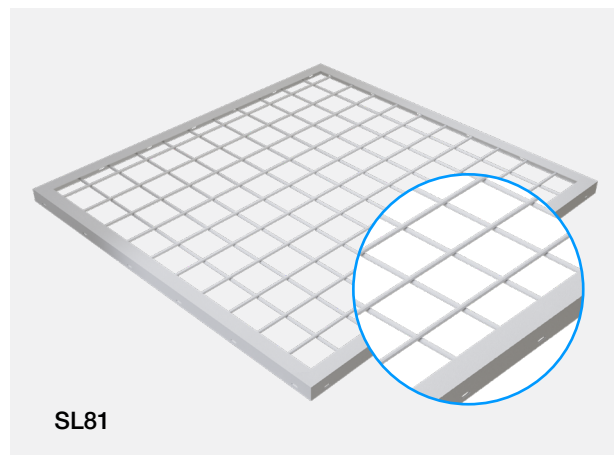
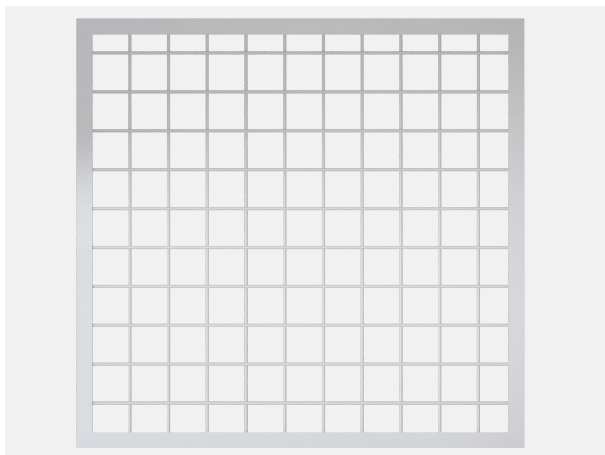


Tate Secure Welded Mesh Security Wall Solution



Tate Secure Welded Mesh is a modular security wall solution designed to subdivide zones, enhance security, and maintain airflow within data halls. It offers flexible and configurable options tailored to project specific requirements. Tate Secure Welded Mesh provides robust steel construction for secure durability in day-to-day operations.

By welding the mesh and angles down to form Tate Secure Welded Mesh, it provides a large product open area to help circulate air throughout the data hall, allowing the robust steel construction & weld solution ensures structural integrity and security.



Key Benefits

Enhanced Security: Designed for project specific security standards, safeguarding servers.

Optimized Airflow: Allows free air circulation within the data hall.

Customizable & Scalable: Available in various heights and widths to meet project needs.

Fast & Simple Installation: Pre-fabricated pilot holes for easy on-site assembly.

BIM Coordination: Minimized construction clashes through digital planning.

Safe & Reliable: Reduces trip hazards with concealed base plate design.

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Specifications - System Properties

Mesh Types	SL81
Mesh Openings	92mm
Frame	Welded Steel Angle

Components

Mesh Type	SL81 mesh
Security Post	50x50mm 3mm Mild Steel Square Hollow Sections 100x50mm 3mm Mild Steel Rectangular Hollow Sections

Specifications - 12.5 x 12.5 x 3mm (Typical Example)

Weight	13.28kg/m ²
Height	1100mm (typical)
Width	1150mm (typical)
Thickness	8mm for each bar 16mm total thickness
Opening	74.2% (typical)
Frame	40x40mm Angle

Finish Options

Colour Powder coatings	Tate White, Tate Grey, Tate Black
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Tate Secure Post & Transom Structure

Pre-Fabricated Pilot Holes	Pilot holes, posts and transoms are provided for quick installation of mesh using self tapping security screws
Multi-Directional posts:	Pilot holes on all 4 sides of post allow for security mesh to be mounted on any side
Connections	Concealed cleat connections for security
Transom Beams:	That drop into concealed cleats. Streamlined design simplifies pan attachment
Flashings	To seal up all interface joints and abutments
Fastenors	Security rated screws selected to meet project specifications

Key Features

Potential for use in a SCEC design*

Features Subdivide zones within the data hall

Upholds security standards, safeguarding servers*

Maintain airflow throughout the data hall

Flexible, configurable, and quick to install

Fasteners: Security rated screws selected to meet project specification

BIM coordinated by the Tate team to minimise coordination issues and clashing during construction

***Subject to project specific approval by security consultant**

***Additional custom sizes and punched pans are available. For more information, please contact a member of the Tate team or visit our website.**

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Please note we reserve the right to change specification or design and supply products which may differ from those described and illustrated without notice and without liability.

Tate-secure-welded-mesh-information-sheet-en-au-v1 | 05/2026

Always refer to the latest version of the data sheet available on our website.

