

YOUR GUIDE TO INDUSTRIAL STEEL PARTITIONING



Industrial Steel Partitioning

Industrial steel partitioning serves as a remarkably adaptable, long-lasting, and quickly installed option for dividing industrial and commercial areas, including warehouses, factories, and workshops.

What is Industrial Steel Partitioning?

Industrial steel partitioning is an adaptable modular construction of removable metal-framed wall systems employed to separate industrial and commercial environments such as warehouses and factories into practical, secure areas.

These prefabricated systems, consisting of single-skin & double-skin steel panels, are exceptionally durable, rapidly installed, and can be effortlessly reconfigured to accommodate evolving operational requirements.

This means they can be modified, demounted and moved to change with your business needs.



Construction of Industrial Steel Partitioning

Single Skin:

Frames: Mullion sizes vary depending the overall height of your partition system, but are typically:

- 50 x 50 x 2.5 mm - up to 2,700 mm high.
- 80 x 40 x 2.5 mm - 2,700 mm and above.
- 100 x 50 x 3.0 mm - to suit installation.

Panels: Constructed from 43 x 43 x 1.2 mm (18g) cold-rolled angles and 32 x 32 x 0.7 mm (22g) cold-rolled T bars. Panels are available in solid, mesh or solid/glazed/solid elevations.

Standard panel sizes:

- Height 2,400, 2,700, 3,000 mm.
- Width 1000mm.

Bespoke sizes available.

Access/Doors: Side hung and sliding door options available.

Vision Panel: Range of vision window panels available.

Finish: Choice of powder-coated finishes.

Double Skin:

Frames: Mullion sizes vary depending the overall height of your partition system, but are typically:

- 50 x 50 x 2.5 mm - up to 2,700 mm high.
- 80 x 40 x 2.5 mm - 2,700 mm and above.
- 100 x 50 x 3.0 mm - to suit installation.

Panels: Constructed from 25.4 x 42 x 25.4 x 1.2 mm (18g) cold rolled channels panelled both sides with 0.8 mm (21g) CR4 mild steel sheet with 30 mm Rockwool mineral fibre infill and are joined together using an 'H' section. Panels are available in solid, half-glazed, solid/glazed/solid or borrowed light elevation

Standard panel sizes:

- Height 2,400, 2,700, 3,000 mm.
- Width 1000mm.

Bespoke sizes available.

Access/Doors: Side hung and sliding door options available.

Vision Panel: Range of vision window panels available.

Finish: Choice of powder-coated finishes.

Additional add-on products to Industrial Steel Partitioning:

Ceiling: We can offer fully enclosed suspended and walk-on ceilings where required, fitted with internal T-grid ceiling tiles to finish off your full enclosed partition system.

Visit our website to see more examples of our Industrial Steel Partitioning range.



What are the benefits of Industrial Steel Partitioning?

The many benefits of Industrial Steel Partitioning systems include:

Safety & Hygiene: Steel partitions offer fire resistance and create secure, hygienic environments, facilitating compliance for laboratories or manufacturing facilities.

Fast Installation: Industrial steel partitioning can be installed rapidly, minimising downtime and disruption to business operations during the construction process.

Cost Effective: Industrial steel partitions are frequently more cost-effective than conventional construction methods, necessitating little maintenance while providing enduring value.

Flexibility: Systems can be effortlessly designed, disassembled, and reassembled to accommodate evolving floor plans, rendering them perfect for expanding businesses.

Strength & Durability: Steel exhibits exceptional resistance to impact and damage, rendering it ideal for high-traffic, heavy-duty industrial settings.

Optimised Space and Security: These systems optimise the use of available space by establishing secure, dedicated zones for offices, production, or storage.

Sustainability: Steel is 100% recyclable and durable, supporting eco-friendly building practices.



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