



HEM PROJECTS

LIFTS

Defender Inox

Bespoke stainless steel doorsets

The Defender Inox is Metador's stainless steel doorset, constructed of Grade 304 or 316 stainless steel, making it perfect for a number of applications.





High Security



Internal Use Fire Rated



DDA Compliant

The Defender Inox combines architectural and aesthetic appeal with durability, giving you an attractive doorset that is exceptionally hard-wearing.

Whether fitted internally or externally, you will be sure to get superior durability from the Defender Inox stainless steel security doorsets.

Constructed from Grade 304 or 316 stainless steel, Inox offers excellent corrosion resistance and increased strength, an ideal material for security doorsets. It is also popular in locations that require a high level of hygiene such as:

- Food production
- Medical and healthcare premises
- Wet environments
- High traffic environments.

Door Leaf

- Anti-jemmy flange on the leading edge (square edged option available)
- 1.5mm 304/316 stainless steel
- Weld-free construction prevents premature failure
- Mineral wool core with internal strengtheners (chipboard upgrade for added strength).

Frames

- 90mm single rebate frame in 2.0mm 304/316 stainless steel
- Custom dimensions and alternative profiles (double rebated, face-fixed, ModuleX integral cloaking and more)
- Bolted corners for strength
- Threaded adjusters for easy installation (16+ fixings). Optional plain fixing plates



- 3mm steel hinge brackets.
- Insulated frames available.

Thresholds

- Standard DDA-compliant chamfered profile in 2mm stainless steel
- Options: raised/extended cills, inward-opening profiles with drainage, 4mm ramped design
- Integrated removable thresholds available.

Seals

Tubular silicone rubber seal bonded into frame for optimal weather, thermal, and acoustic performance.

Hardware

- Stainless steel ball bearing hinges (4+ per door, with security dogbolts)
- Upgrade options: concealed bearings, special finishes, fully concealed, heavy-duty continuous hinges
- Extensive hardware range: locks, latches, handles, panic hardware, closers, and stays. Custom hardware integration available.

Fire Rated Option

Fire ratings for internal use up to 120mins are available as an upgrade with this doorset.

Vision Panels/Louvres

- Custom-sized vision panels in rectangular, square, or round styles
- Single, double, or triple glazed options with privacy films, blinds, and obscure glass
- Louvres: medium-duty aluminium or heavy-duty steel (150mm to full-door).

Over Panels/Side Panels

Designed to expand openings, these panels integrate seamlessly with Defender Inox doorsets

- Removable overpanels/transoms: Ideal for periodic access (e.g. large machinery)
- Glazed panels: Single or double glazed with weathertight wedge-gasket seals
- Louvred panels: Medium-duty aluminium or heavy-duty steel cassettes (optional insect/rodent mesh).

Finishes

Stainless steel finished as standard but can also be powder coated if required.

Structural opening sizes (mm)*

	Max width	Max height
Single leaf	1470	3800
Double leaf	2860	3800

* Based on a 33mm wide frame. For oversized doors, please enquire.