

# METADOR



## Defender Safeguard

## High quality bespoke steel doorsets

Safeguard is our bestselling, 'stronger than standard' doorset, providing superlative performance and protection for every environment



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# METADOR



Thermally Rated



Acoustic



DDA Compliant

**The Defender Safeguard is our flagship bespoke steel door system—stronger as standard and fully customisable for any application.**

**Precision-engineered from 1.5mm galvanised steel with a mineral wool core and internal steel reinforcements, it delivers unmatched durability.**

## Door Leaf

- Anti-jemmy flange on the leading edge (square edged option available)
- 1.5mm galvanised steel (upgrades: 2.0mm galvanised or 1.5mm stainless steel, 304/316)
- 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 galvanised steel (stainless option available)
- 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)
- Hinge 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.

## Thermal Performance

Standard U-value: 2.2 W/m<sup>2</sup>K (upgradeable to 1.4 W/m<sup>2</sup>K with Thermaguard Technology).

## Acoustic Option

Acoustic rated option available.

## 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 Safeguard 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

- Powder coated in any RAL colour (marine-grade option available)
- Special finishes: textured, metallic, and woodgrain effects for a premium look.

### 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.

