

METADOR



Defender ModuleX

Steel doorsets for Modular buildings

Defender ModuleX is designed to facilitate fitting flush into thin wall panels as used in the modular building industry.



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Fire Rated



Thermally Rated



Acoustic



DDA Compliant

The Defender ModuleX doorset has been designed for the modular building industry to provide an ultimate fast-fitting and cost-effective solution complete with a four-sided cloaking frame to conceal panel cut outs.

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

- 1.5mm galvanised steel with built in cloaking profile
- Bolted corners for strength
- Threaded adjustors 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 up to 120mins available as an upgrade with this doorset.

Thermal Performance

Standard U-value: 2.2 W/m²K (upgradeable to 1.4 W/m²K with Thermaguard Technology).

Acoustic Option

Acoustic-rated option available (requires automatic drop seal).

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).

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.

