



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.





Internal or External Use
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 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.

- 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.

Fire Rated Option

Fire ratings up to 120mins for internal or external use are 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

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.

