



HEM PROJECTS

Defender Sportsguard Steel doorsets for Sports Halls

The Defender Sportsguard, specifically designed for leisure halls, features rebound panels to provide protection against protruding hardware.



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High Security



Thermally Rated



DDA Compliant

The Defender Sportsguard doorset is manufactured for emergency exits in sports halls and leisure facilities. Using rebound panels manufactured from a durable steel construction, these doorsets not only offer protection from protruding hardware but offer superior wear in high use environments.

Built in line with the Sport England Guidance on sports halls, these doorsets feature protective rebound boxes fixed to the door face to prevent injuries from accidental collisions with protruding ironmongery.



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)
- Rebound panels constructed from 1.5mm steel configured to suit requirements.

Frames

- The standard 2mm galvanised steel frame for Sportsguard is 170mm to match the depth of the rebound boxes. Other depths are available to suit site requirements
- 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, or 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)
- Available with a wide range of panic hardware to suit budget, security requirements and frequency of use.

Thermal Performance

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

Acoustic Option

Acoustic-rated option available.

Over Panels/Side Panels

- Designed to expand openings, these panels integrate seamlessly with Defender Sportsguard doorsets
- Removable overpanels/transoms: Ideal for periodic access (e.g. large machinery).

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.