



## SPORTS & SECURITY FENCING SERVICES

### TWIN WIRE 868 PANEL FENCING SYSTEM

Our Twin-Wire 868 Panel System has been developed to meet the needs of the Sports and Security marketplaces. It is durable, rigid, difficult to climb, modular, low maintenance, and visually appealing.

**Fence Panels:** 2506 mm wide, flat, rigid, fully-welded mesh panels, constructed from 6 mm diameter steel vertical wires, set 50 mm apart (and protruding 26 mm upwards beyond the top of the panel), welded between pairs of 8 mm. dia. steel horizontal wires set 200 mm apart, giving its characteristic 200 x 50 x 868 Twin-Wire mesh configuration and name.

**Fence Posts:** Rectangular Hollow Section (RHS) steel sections, with steel 'U' shaped panel-mounting brackets and threaded inserts (at max. 400 mm intervals). Posts set into concrete foundations at 2.525 metre intervals.

**Clamp-strips:** 40 x 5 mm steel Flats (one per panel height), slotted for M8 galvanised security bolts.

**Finish:** All manufactured steelwork Galvanised and Polyester Powder Coated.

Nominal Height	Actual Height	Post Section	Panel Lifts	Lower Panel	Panel Lift 2	Panel Lift 3
1.2 m	1250 mm	60 x 40 x 3 mm	1	1230 mm	-	-
1.8 m	1850 mm	60 x 40 x 3 mm	1	1830 mm	-	-
2.0 m	2050 mm	60 x 40 x 3 mm	1	2030 mm	-	-
2.4 m	2450 mm	60 x 40 x 3 mm	1	2430 mm	-	-
3.0 m	3090 mm	80 x 40 x 3 mm	2	2030 mm	1030 mm	-
4.0 m	4090 mm	80 x 40 x 3 mm	2	2030 mm	2030 mm	-
4.5 m	4490 mm	80 x 40 x 3 mm	2	2430 mm	2030 mm	-
5.0 m	4930 mm	80 x 40 x 3 mm	3	2030 mm	2030 mm	830 mm
6.0 m	5930 mm	100 x 50 x 3 mm	3	2030 mm	2030 mm	1830 mm

### TWIN WIRE 868 PANEL SYSTEMS BENEFITS & CHARACTERISTICS:



- Largely maintenance free: galvanised and a polyester powder coated, with galvanised/stainless steel fittings.
- Comprise rigid panels that will not sag or deform (during normal usage) and have excellent rebound qualities.
- Present no sharp protrusions, inwards or outwards, utilising flat clamp-strips and dome-headed fixings.
- They are designed to avoid head and finger traps (as ROSPA guidelines) with covered vertical panel joints.
- Are 'anti-vandal' in their design - utilising hidden security bolts (without nuts), and thick welded wires which cannot easily be cut/damaged.
- They are difficult to climb, having flat vertical panels and no horizontal cross-rails to provide hand/ footholds.
- Are 'anti-graffiti' in that they have a limited surface area, and offer poor over-painting adhesion.
- In the event of vandalism/damage, they are modular, i.e. individual component parts can be easily replaced.
- Aesthetically pleasing, using modern thin-faced unobtrusive post sections (which blend into their environment), and available in a wide colour range.
- Have excellent see-through qualities (no shadows), making it easy to monitor use and/or abuse.
- As an optional extra, each lower panel can be manufactured to include additional pairs of welded horizontals to its lower 1.2 metres, giving a 66 x 50 mm sport-rebound mesh (see photo left). Full-height rebound panels available upon request.
- Twin-wire rebound panels are quieter than timber when used as a kick-against surface, and not prone to deterioration due to climatic changes, i.e. will not delaminate, expand, contract, crack or split.

NOTE – all fencing systems, however constructed, will be subject to natural wear and tear and will deteriorate in proportion to the nature of their use, e.g. in or near goal areas in sports applications.

