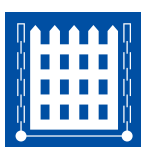
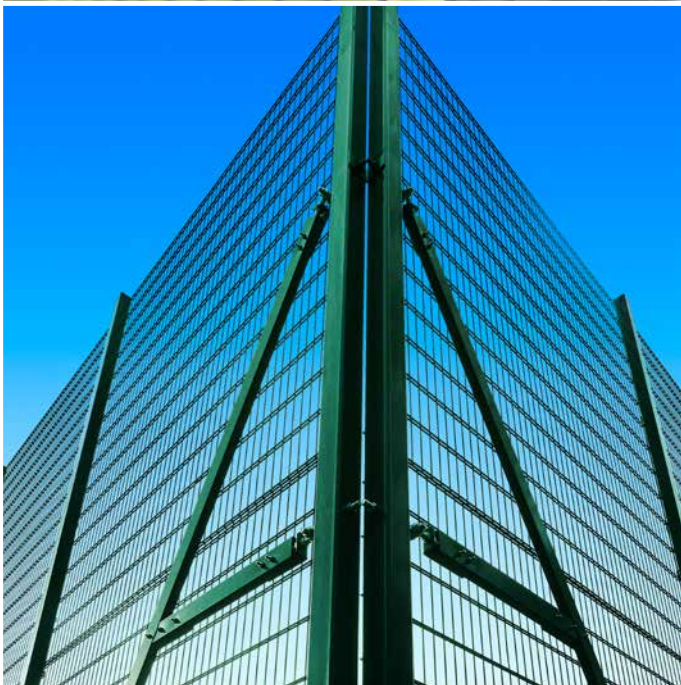


FENCING SYSTEMS



**Daniel Whelan
Engineering Works
Limited**





CONTENTS

4

**3D 5
MESH FENCING**

6

**2D 656
MESH FENCING**

8

**2D 868
MESH FENCING**

10

**SPORTS REBOUND
FENCING**

12

**PITCH SPECTATOR
MESH FENCING**

14

**SPORTS FENCING
& BALL STOPS**

16

**MULTI USE GAMES
AREA (MUGA)**

18

NOTES

3D PROFILED WIRE PANELS 5mm









Specifications:

Rigid mesh panel made of horizontal & vertical steel wires, welded together at each intersection. Rigidity is achieved by 100mm high pressed V-beams.

- Panel Width (Length): See Table on Page 9
- Panel height: See Table on Page 9
- Wire Diameter: 5mm
- Wire Spacing Horizontal: 50mm
- Wire Spacing Vertical: 200mm (at profile beam: 50mm)
- Top Edge Projection: 30mm

Standard colour* range:

Colours other than RAL 6005 Green incur an additional cost and lead time.

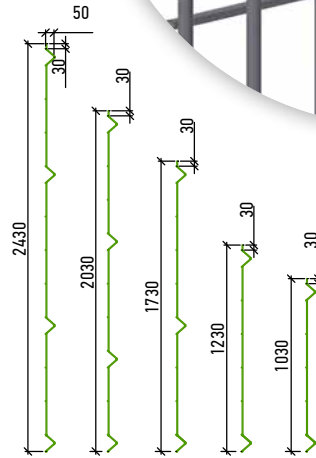
 RAL 6005	 RAL 9005	 RAL 9010
 RAL 1006	 RAL 3000	 RAL 5010

*Standard colour range are for illustrative purposes only. Colour reproduction can vary.

Available finishes:

- Galvanised according to EN 1461
- Galvanised according to EN 1461 and powder coated in selected RAL colours

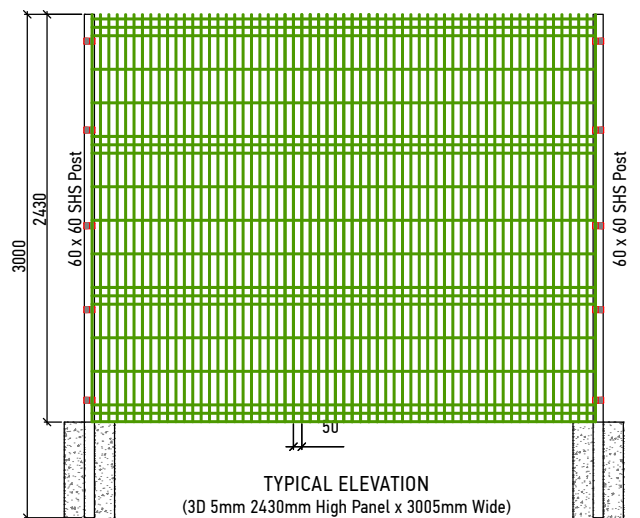




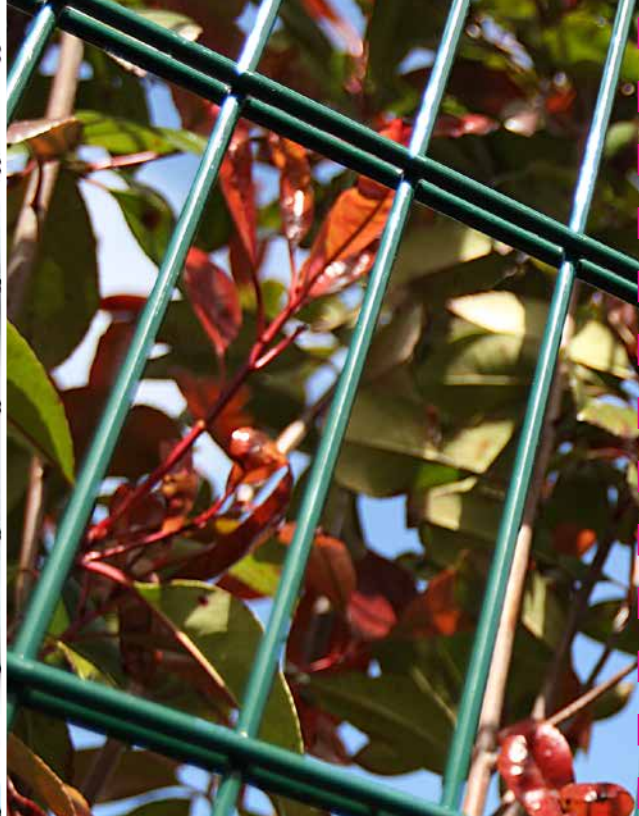
SECTIONS - HEIGHTS AVAILABLE
(see table below for available lengths)

Panel sizes:

Product Reference	Height (mm)	Width (mm)	Post (mm)
3D5-1	1030	2505	60 x 60 SHS
3D5-1.2	1230	2505	60 x 60 SHS
3D5-1.7	1730	2505	60 x 60 SHS
3D5-2	2030	2505	60 x 60 SHS
3D5-2.4	2430	3005	60 x 60 SHS



2D WIRE PANELS 6-5-6



Specifications:

Rigid mesh panel made of horizontal & vertical steel wires, welded together at each intersection.

- Panel Width (Length): 2505mm
- Panel Height: See Table on Page 7
- Wire Diameter Horizontal: 6mm (Double)
- Wire Diameter Vertical: 5mm (Single)
- Wire Spacing Horizontal: 50mm
- Wire Spacing Vertical: 200mm
- Top Edge Projection: 30mm

Standard colour* range:

Colours other than RAL 6005 Green incur an additional cost and lead time.

 RAL 6005	 RAL 9005	 RAL 9010
 RAL 1006	 RAL 3000	 RAL 5010

*Standard colour range are for illustrative purposes only. Colour reproduction can vary.

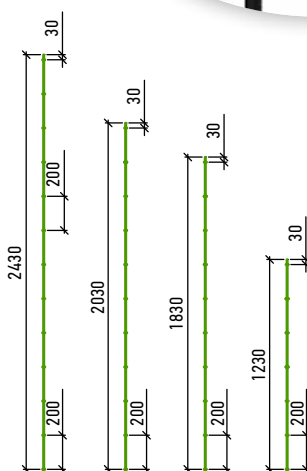
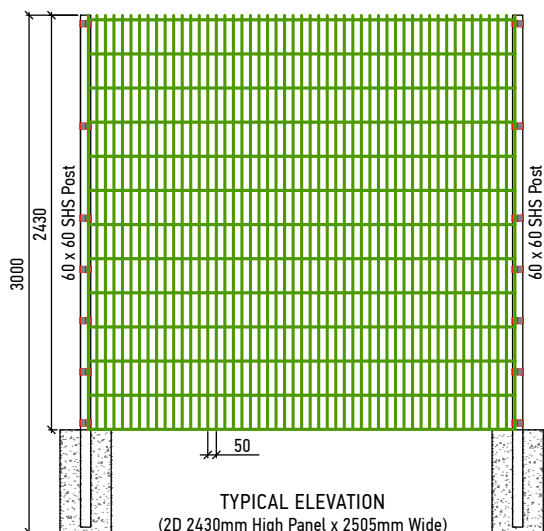
Available finishes:

- Galvanised according to EN 1461
- Galvanised according to EN 1461 and powder coated in selected RAL colours



Panel sizes:

Product Reference	Height (mm)	Width (mm)	Post (mm)
2D-656-1.2	1230	2505	60 x 60 SHS
2D-656-1.8	1830	2505	60 x 60 SHS
2D-656-2	2030	2505	60 x 60 SHS
2D-656-2.4	2430	2505	60 x 60 SHS





Specifications:

Rigid mesh panel made of horizontal & vertical steel wires, welded together at each intersection.

- Panel Width (Length): 2506mm
- Panel Height: See Table on Page 5
- Wire Diameter Horizontal: 8mm (Double)
- Wire Diameter Vertical: 6mm (Single)
- Wire Spacing Horizontal: 50mm
- Wire Spacing Vertical: 200mm
- Top Edge Projection: 30mm

Standard colour* range:

Colours other than RAL 6005 Green incur an additional cost and lead time.



*Standard colour range are for illustrative purposes only. Colour reproduction can vary.

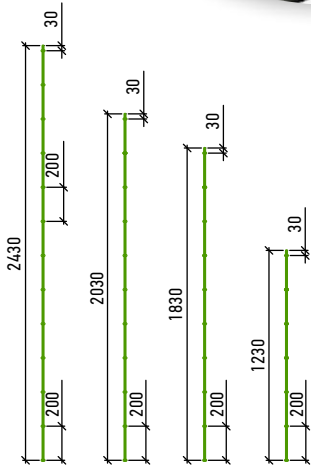
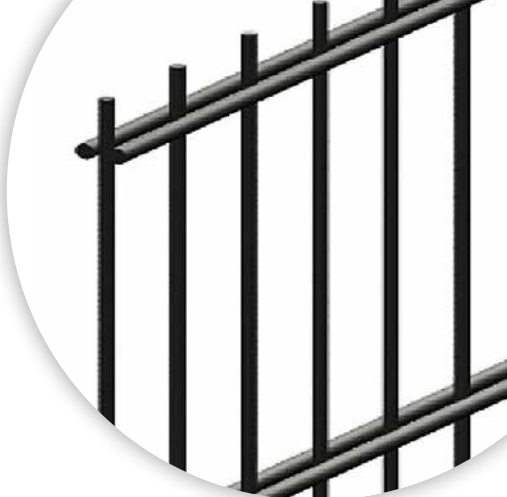
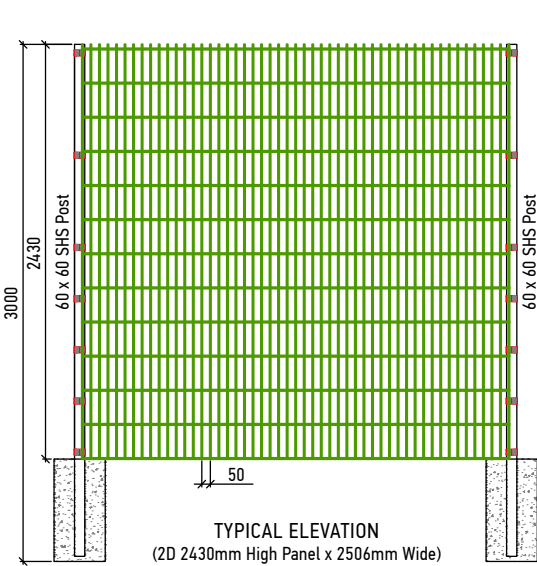
Available finishes:

- Galvanised according to EN 1461
- Galvanised according to EN 1461 and powder coated in selected RAL colours



Panel sizes:

Product Reference	Height (mm)	Width (mm)	Post (mm)
2D-868-1.2	1230	2506	60 x 60 SHS
2D-868-1.8	1830	2506	60 x 60 SHS
2D-868-2	2030	2506	60 x 60 SHS
2D-868-2.4	2430	2506	60 x 60 SHS



SECTIONS - HEIGHTS AVAILABLE
(see table above for available lengths)



SPORTS REBOUND FENCING



Daniel Whelan Engineering Works Limited Sports rebound fencing is manufactured using 6mm vertical and 2 number 8mm horizontal wires welded at each intersection creating a strong and durable panel.

The bottom 1200mm consist of additional wires which give apertures of 50 x 60mm with the remaining panel above the rebound section of 50 x 200mm. With closer wire centres on the lower panel this allows for a more robust and rigid surface helping the ball to rebound back onto the court. The Sports Rebound Fencing panels are ideal for high impact sports.

The rebound twin wire panels supplied by Daniel Whelan Engineering Works Limited excel both in stability and durability due to the high quality of materials used. Our panels are easy to install with various post systems and ball stop netting.

The sports rebound fencing panels are extremely vandal proof, aesthetically pleasing, excellent for using in schools and urban sports grounds.

Typical applications include MUGA pitches, football pitches, hurling pitches, GAA Grounds, schools, ball courts, hockey pitches, all types of sports and recreational areas.





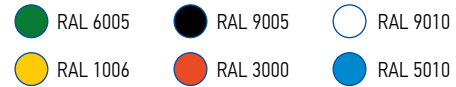
Specifications:

Rigid mesh panel made of horizontal & vertical steel wires, welded together at each intersection.

- Panel Width (Length): 2506mm
- Panel Height: See Table Below
- Wire Diameter Horizontal: 8mm (Double)
- Wire Diameter Vertical: 6mm (Single)
- Wire Spacing Horizontal: 50mm
- Wire Spacing Vertical: For the first 1.2M = 67mm, thereafter = 200mm
- Top Edge Projection: 30mm

Standard colour* range:

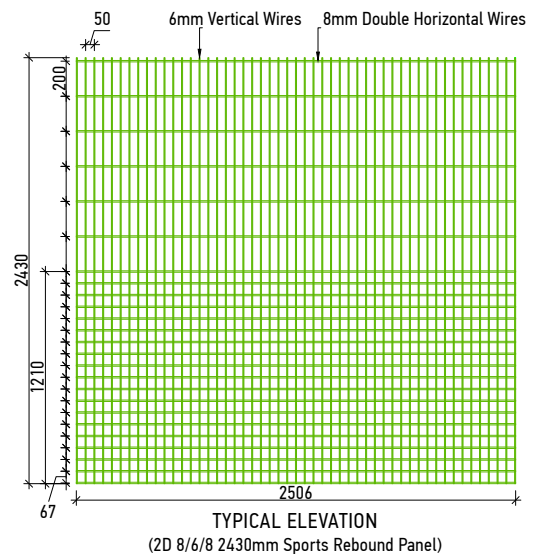
Colours other than RAL 6005 Green incur an additional cost and lead time.



*Standard colour range are for illustrative purposes only. Colour reproduction can vary.

Panel sizes:

Product Reference	Height (mm)	Width (mm)
2D-868-RB-1.2	1230	2506
2D-868-RB-1.8	1830	2506
2D-868-RB-2	2030	2506
2D-868-RB-2.4	2430	2506
2D-868-RB-3	3030	2506





The spectator mesh fencing panels come with a double horizontal welded system that ensures that they are typically suited for football pitches, hurling pitches, GAA Grounds, schools, ball courts, hockey pitches, all types of sports and recreational areas.

The Pitch spectator mesh fencing from Daniel Whelan Engineering Works Limited can be supplied in the standard 3D 5mm Weld Mesh Fencing, 2D 6/5/6 Weld Mesh Fencing or 2D 8/6/8 Weld Mesh Fencing with a typical height of 1.2m with an aperture of 200 x 50mm.

The addition of the top rail ensures that this system will provide spectator comfort and safety for years to come.

Available finishes:

- Galvanised according to EN 1461 and powder coated in selected RAL

Specifications: 3D

Rigid mesh panel made of horizontal & vertical steel wires, welded together at each intersection. Rigidity is achieved by 100mm high pressed V-beams.

- Panel Width (Length): 2505mm
- Panel Height: 1230mm
- Wire Diameter: 5mm
- Wire Spacing Horizontal: 50mm
- Wire Spacing Vertical: 200mm (at profile beam: 50mm)
- Top Edge Projection: 30mm



Specifications: 2D 656

Rigid mesh panel made of horizontal & vertical steel wires, welded together at each intersection.

- Panel Width (Length): 2505mm
- Panel Height: 1230mm
- Wire Diameter Horizontal: 6mm (Double)
- Wire Diameter Vertical: 5mm (Single)
- Wire Spacing Horizontal: 50mm
- Wire Spacing Vertical: 200mm
- Top Edge Projection: 30mm

Specifications: 2D 868

Rigid mesh panel made of horizontal & vertical steel wires, welded together at each intersection.

- Panel Width (Length): 2506mm
- Panel Height: 1230mm
- Wire Diameter Horizontal: 8mm (Double)
- Wire Diameter Vertical: 6mm (Single)
- Wire Spacing Horizontal: 50mm
- Wire Spacing Vertical: 200mm
- Top Edge Projection: 30mm

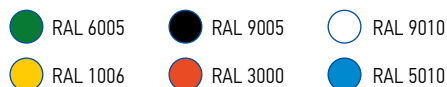
Specifications: 2D 868 Rebound

Rigid mesh panel made of horizontal & vertical steel wires, welded together at each intersection.

- Panel Width (Length): 2506mm
- Panel Height: 1230mm
- Wire Diameter Horizontal: 8mm (Double)
- Wire Diameter Vertical: 6mm (Single)
- Wire Spacing Horizontal: 50mm
- Wire Spacing Vertical: 67mm

Standard colour* range:

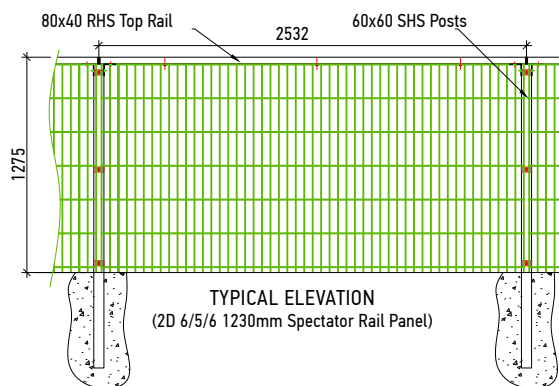
Colours other than RAL 6005 Green incur an additional cost and lead time.



*Standard colour range are for illustrative purposes only. Colour reproduction can vary.

Panel sizes:

Product Reference	Height (mm)	Width (mm)	Post (mm)	Handrail (mm)
3D5-1.2	1230	2505	60 x 60 SHS	80 x 40 RHS
2D-656-1.2	1230	2505	60 x 60 SHS	80 x 40 RHS
2D-868-1.2	1230	2506	60 x 60 SHS	80 x 40 RHS
2D-868-Rebound 1.2	1230	2506	60 x 60 SHS	80 x 40 RHS



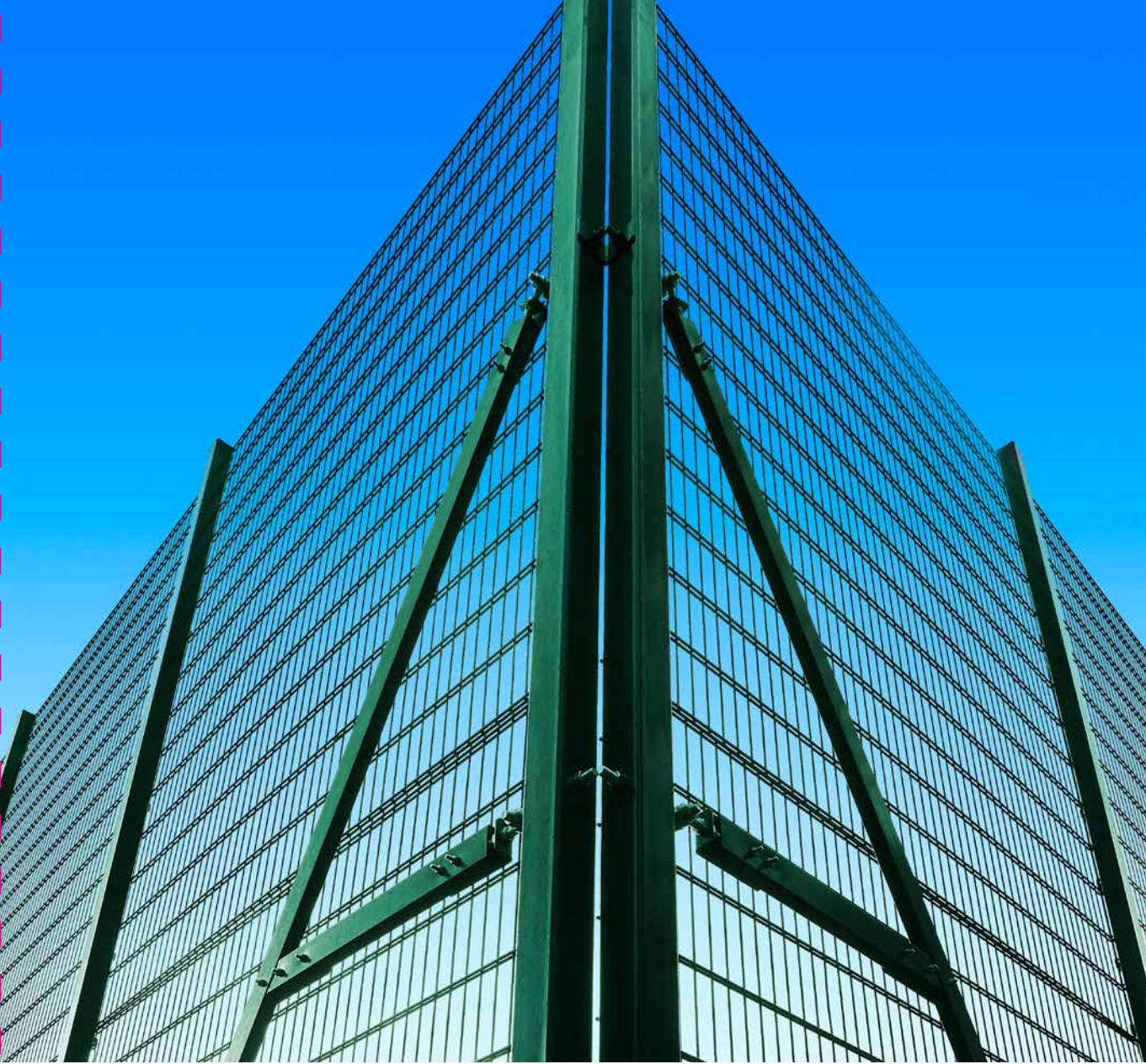
SPORTS FENCING & BALL STOPS



The Pitch surround mesh fencing comes with our 2D 868 double horizontal mesh panels with an option of extended height with the aid of Ballstop Netting. This ensures that they are typically suited for areas where there will be high impact situations such as, MUGA pitches, football pitches, hurling pitches, GAA Grounds, schools, ball courts, hockey pitches, all types of sports and recreational areas.

- Pitch Surround Fencing
- Ball Court Fencing
- Ball Stop Fencing
- Ball Stop Netting
- GAA Ball Stop Netting
- Pitch Dividers
- Recessed Goal Areas
- Basketball Hoop/ Backboards





MULTI USE GAMES AREA (MUGA)





With the ever increasing popularity of health and fitness, at Daniel Whelan Engineering Works Limited we are regarded as a major supplier and installer of Multi Use Games Areas (MUGA) Fencing Systems.

The systems are available with a variety of mesh types, high level netting, supporting posts, and wide range of associated extras.

The MUGA systems are both functional and visually pleasing. The MUGA is finished to the highest standard, which ensures that they are typically suited for areas where there will be high impact situations. MUGA pitches can incorporate facilities for a wide range of sports including: Football, Netball, Basketball, Volleyball & Tennis.





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