



“A perfect balance between rigidity and impact resistance”

DUALTECH REBOUND 868© Panel Systems by Plant Fencing

Unique to Plant Fencing this twin wire system is based upon the standard 200mm x 50mm mesh design but with the two 8mm horizontal wires either side of the 6mm vertical wire, providing excellent strength and rigidity. The configuration of this sports fencing system provides a good balance between rigidity and impact resistance. The wires are galvanised before the product is manufactured so eliminating the barbs and sharp edges that are typical of hot-dipped galvanised products.

DUALTECH REBOUND 868 © sports fencing is ideal for applications where rigidity and impact resistance are essential such as ball-courts and enclosed football pitches.

The system comes in a range of heights from 1m up to 6m with galvanised and polyester powder coated options to any RAL colour.

PRODUCT INFORMATION

The DUALTECH REBOUND868 © system by Plant Fencing comprises the standard twin wire with the lower 1.2m of the panel formed using the 868 system with a 55mm x 60mm aperture.

Post sizes vary dependant on height, for example, the 3.0m high system is fixed onto 80mm x 40mm box section posts, systems that are 4m or 4.5m high are fixed onto 100mm x 50mm box section and systems 5m and above are fixed to 120mm x 60mm.

Post wall thicknesses comply with current British standards and exceed wind load test requirements. Further information available upon request.

Standard stock colours are Green Ral 6005 and Black Ral 9005. Other colours are an optional extra.



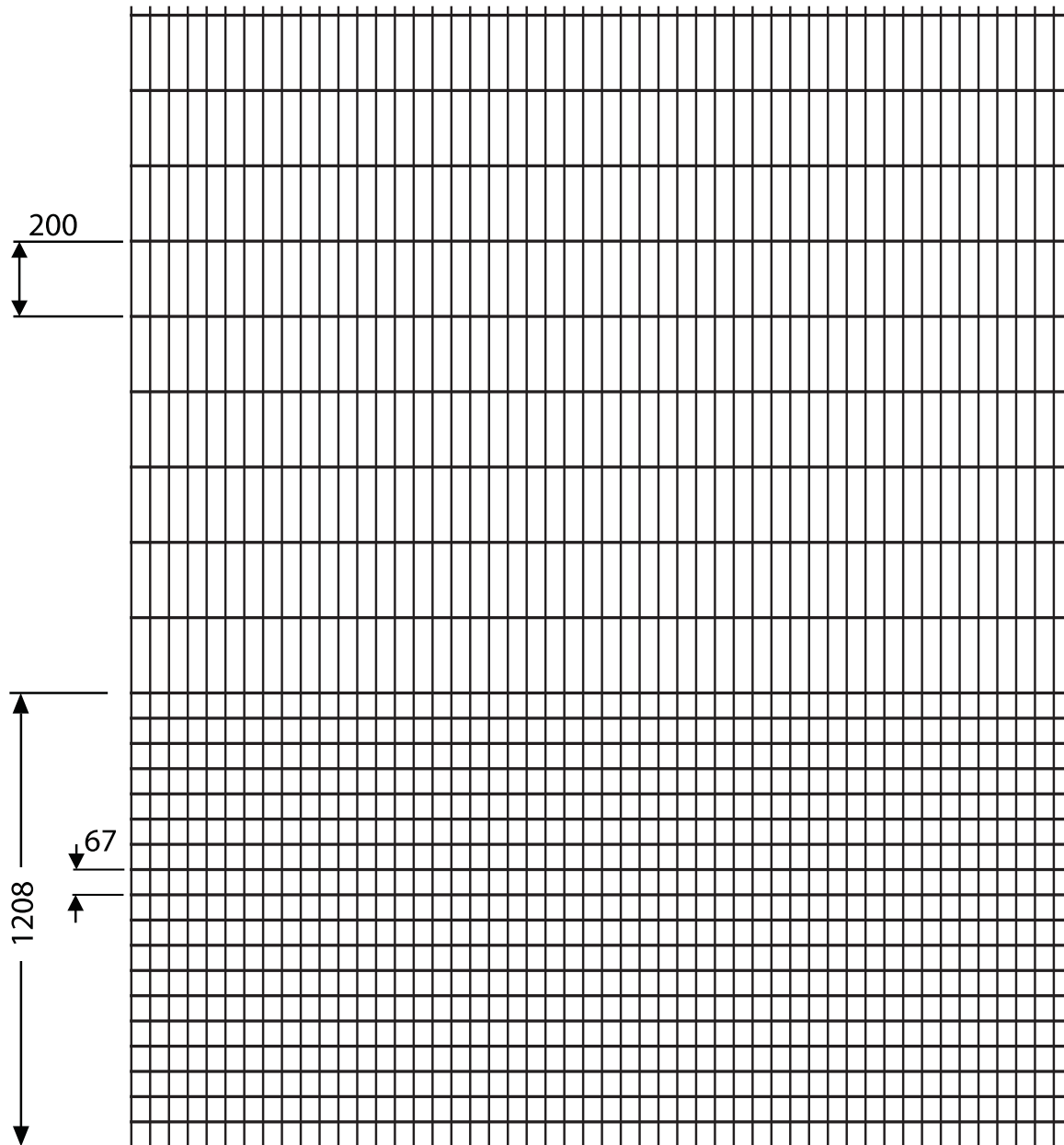
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TECHNICAL SPECIFICATION

Product Name:

DuALTECH 868/DuALTECH Rebound 868

Wire Size:

8mm & 6mm Nominal

Wire:

Pre galvanised to BS EN 10244 on
accordance with BS 1722 PT 14

Finish:

Powder coating to BS 1722 PT 16

FENCING

- Rebound mesh panels consisting of 6mm diameter vertical wires and twin 8mm diameter horizontal vertical wires forming a 200mm x 50mm mesh to centres. Standard panel width to be 2.515m. Mesh to be fixed to posts with continuous clamp bars and anti tamper fixings.
- All Rebound panels to be incorporated within a 3.00m high single lift panel.
- RHS posts are galvanised to BS EN ISO 1461 after fabrication, wire panels are pre-galvanised to BS EN ISO 1461. Both are polyester powder coated to clients required colour, all to BS 6497.
- Symmetrical post layout required at maximum 2.525 centres and set into suitable concrete foundations (e.g. C20P or similar as recommended by the supplier) in accordance with BS EN 206-1 Specification, performance, production and conformity of concrete, BS5328-1, 2, 3 and BS 8500-1, 2.
- Foundation sizes shall be a minimum of 750mm x 300mm x 300mm for 3.00m high fencing and 1050mm x 400mm x 400mm for 4.5m high fencing. Please Note: foundation sizes are based on a ground pressure of no greater than 75kN/m² (medium to firm ground, cohesive clay soils). All figures are indicative and must be clarified as suitable for installation on site.
- Black plastic coated weather caps shall be fitted to the tops of all posts, where required.
- The bottom of the fencing shall be positioned a maximum of 20mm above the PCC kerb edgings level.
- Optional Extra: neoprene rubber gaskets can be fitted to all post fixings at 400mm centres to aid noise reduction, rattle and vibration from ball impacts. PLEASE NOTE: these may perish after 5 years and upwards of heavy use which could cause bolts to become loose. Regular maintenance required.
- All fixings to include galvanised security domed headed bolts and 'U' brackets.
- Specialist keys should be provided to tighten / remove panel fixings.

SUPPORT POSTS

Fence post requirements to include Rectangular Hollow Section (RHS) sized:

1.2m High Spectator Fencing - 2.4m High Fencing

- | | |
|-----------------------|---|
| i Hand Rail | 48.3mm CHS fixed to spigot on post (spectator system) |
| ii Intermediates | 60mm x 40mm RHS |
| iii Internal Corners | 60mm x 40mm RHS – clipped to two faces |
| iiii External Corners | 60mm x 60mm RHS – flanged. Inserts for fixings |

3.0m – 3.6m High Fencing

- | | |
|----------------------|--|
| i Intermediates | 80mm x 40mm RHS |
| ii Internal Corners | 80mm x 40mm RHS – clipped to two faces |
| iii External Corners | 80mm x 80mm RHS – flanged. Inserts for fixings |

4.0m – 4.5m High Fencing

- | | |
|----------------------|--|
| i Intermediates | 100mm x 50mm RHS |
| ii Internal Corners | 100mm x 50mm RHS – clipped to two faces |
| iii External Corners | 80mm x 80mm RHS – flanged, Inserts for fixings |

5.0m – 6.0m High Fencing

- | | |
|----------------------|---|
| i Intermediates | 120mm x 60mm RHS |
| ii Internal Corners | 120mm x 60mm RHS – clipped to two faces |
| iii External Corners | 100mm x 100mm RHS – flanged. Inserts for fixing |



GATES

- In line with perimeter fencing.
- Complete with lockable slide latch
- Removable lintel overhead, as required
- Constructed from suitable Rectangular Hollow Section (RHS) posts and frame and in-filled to suit the fence mesh (see above)
- Hinges shall allow all gates to swing through 180°, to be integral to construction of gate and fully adjustable.
- Centre gate stop and single drop bolt sleeve set in ground for holding gates in closed position
- Two drop bolts sleeves set in ground to hold gates in open position.
- Fence post requirements to include Rectangular Hollow Section (RHS) sized:
 - i Single leaf gate post 80mm x 80mm (flanged to terminate panels)
 - ii Double leaf gate post (2.4m high x 1.5m wide leaf) 100mm x 100mm RHS (flanged to terminate panels)
- Posts set into suitable concrete foundations (e.g. C20P or similar as recommended by the supplier) in accordance with BE EN 206-1 Specifications, performance, production and conformity of concrete, BS 5328-1, 2, 3 and BS 8500-1, 2.
- Foundation sizes shall be a minimum of 1050mm x 450mm x 450mm
- The bottom of the gates shall be positioned 35mm above the kerb edgings level
- The maximum gap between the face of the PCC kerb edgings and adjacent gates shall be 20mm