

35-Duo Prison Mesh Panels

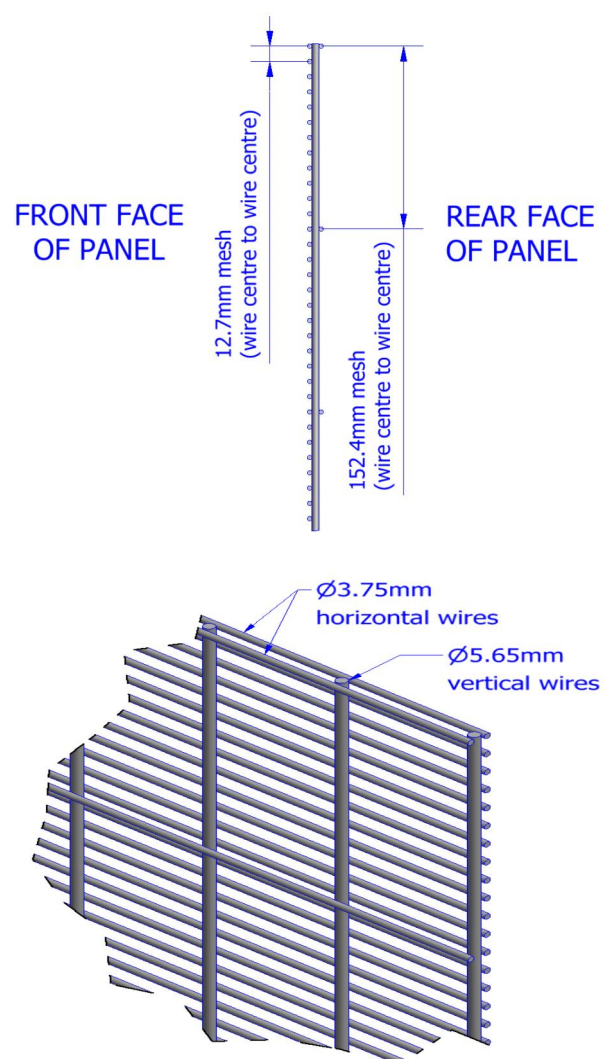


Panel Features

- High Density weld configuration provides a finger-proof, anti-climb barrier
- High delay factor
- 3.75mm diameter horizontal wires - 12.70mm centres front face of panel and 152.4mm centres rear face of panel
- 5.65mm diameter vertical wires
- Compatible with most electronic alarm and detection systems
- 76.2mm x 12.7mm (3" x 1/2") mesh aperture, wire centre to wire centre
- Increased levels of strength and rigidity over conventional 358 mesh
- Range of heights available from 3052mm to 5490mm
- Weld strength is minimum of 70% of wire strength, prior to welding
- Solidity of 36%

Applications

- Prisons and Secure Hospitals
- Military Installations
- Nuclear Installations
- Ports and Airports
- Border Fencing





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Standard Panel Specifications

Panel Dimensions wire centre to wire centre (mm)	Mesh configuration wire centre to wire centre (mm)	Vertical wire diameter*	Horizontal wire diameter*	Approximate panel weight (kg)
2515 x 3048	76.2 x 12.7 (Front face) 76.2 x 152.4 (Rear face)	5.65mm	3.75mm	79.0
2515 x 3353	76.2 x 12.7 (Front face) 76.2 x 152.4 (Rear face)	5.65mm	3.75mm	86.9
2515 x 3658	76.2 x 12.7 (Front face) 76.2 x 152.4 (Rear face)	5.65mm	3.75mm	94.8
2515 x 3962	76.2 x 12.7 (Front face) 76.2 x 152.4 (Rear face)	5.65mm	3.75mm	102.6
2515 x 4267	76.2 x 12.7 (Front face) 76.2 x 152.4 (Rear face)	5.65mm	3.75mm	110.5
2515 x 4572	76.2 x 12.7 (Front face) 76.2 x 152.4 (Rear face)	5.65mm	3.75mm	118.4
2515 x 5029	76.2 x 12.7 (Front face) 76.2 x 152.4 (Rear face)	5.65mm	3.75mm	130.1
2515 x 5486	76.2 x 12.7 (Front face) 76.2 x 152.4 (Rear face)	5.65mm	3.75mm	141.9

* Wire diameters prior to welding & complying with the requirements of BS EN 10218-2:2012 T2

Panel Finishes Available

In addition to the standard Galvanised wire finish (typically 60-90g/m² of Zinc prior to Welding / fabrication) or Galfan® wire finish (typically 275-300g/m² of Zn/Al alloy prior to Welding / fabrication); all panels can be offered with triple coat anti-corrosion architectural finish consisting of Galvanised / Galfan® wire + Zinc Phosphate pre-treatment + 100 micron Polyester coating, to give long lasting protection against the elements.



RAL 6005 Moss Green
RAL 9005 Jet Black
RAL 7016 Anthracite Grey

A wide range of additional colours are available, please contact the Sales Office for further details.

Handling & Storage

During loading / unloading and moving to site, Duo panels must be moved by Fork Lift truck fitted with wide carriage forks (up to 2.0m centres for the largest panels) or overhead crane with multi-point lifting cradle, to prevent distortion or damage.