

# ASF SECUREMAX®

HIGH SECURITY MESH

## 358 MESH

### Design

Anti-climb, anti-cut mesh with minimal components. Easy to transport, handle and install. The 358 profile gives a highly transparent finish to the fence line with minimal visual impact allowing clear surveillance to identify

### Performance and Durability

Unique tensile properties make Securemax® several times harder to penetrate than other high secu-

### Applications

- Correctional Centres
- Sub Stations
- Detention Centres
- Industrial Factories
- Water Treatment Plants
- Private Industries
- Roads and Bridges
- Shipping Ports
- Power Stations
- Gas Lines

### Additional Edge Wires

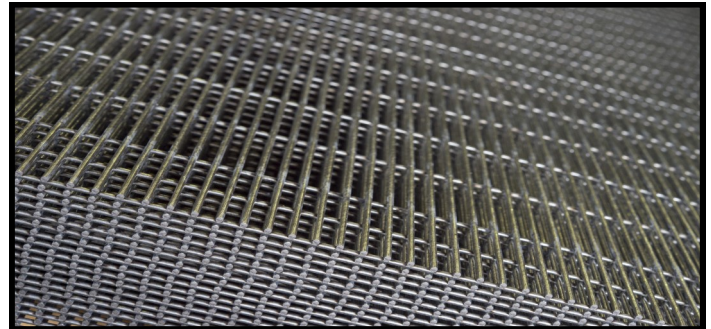
Additional edge wires to each side of the mesh sheet create greater security.

### Finishes

Zinc / Alloy is a high anti-corrosive surface finish applied to a 4mm medium tensile wire. In external atmospheric conditions, a zinc / 5% aluminium coating offers from two to four times greater protection per unit coating mass than hot dipped galva-

### Quality & Testing

Securemax® mesh is guaranteed to meet the specific standards for raw materials and coatings. The weld manufacturing process has a Quality Plan utilising stringent quality control procedures.



### Appropriate Standards

Securemax® 358 4mm diameter wire is procured via AS / NZS 4534 - 2006. The manufacturing standard within the ASF Quality Plan is EN 10223.4 - 2012 for high security applications and AS

### Recommended Fixings

Recommended fastening for 358 mesh to 'H' and angle sections via M8 cup head bolt, Securemax washer with hexagon nut and / or shear nuts. Other fastening methods are via a security self-drilling

### Specifications

75mm x 13mm resistance welded at each intersection. Resistance welded to DIN EN 10223-4 (1998).

Horizontal wires 4mm dia. At 13mm centres

Vertical wires 4mm dia. At 75mm centres

2 x vertical edge wires at 37.5mm per panel

Aperture tolerance  $\pm 0.5$ mm

Std sheet sizes: 2404mm wide x 2384mm high

2404mm wide x 3000mm high

2404mm wide x 3600mm high

Tolerance: Width  $\pm 2.00$ mm Length  $\pm 2.00$ mm

Horizontal wires 4mm drawn wire

Vertical wires 4mm drawn wire

Tolerance  $\pm 0.08$ mm

Tensile strength 550-625MPa

Welded shear strength of 60-70% of the wire tensile strength

Coating: Zinc Alloy Minimum 260gms Sqm

Australian Standard AS NZS 4534-2006

The specifications and descriptions of products and services contained in this data sheet were correct at the time of publishing. ASF reserves the right to change specifications or withdraw products without notice.



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