



## 358 Anti-Climb

358 anti-climb rigid mesh is a highly attractive, yet seriously secure fencing solution that is popular across a wide range of applications thanks to its excellent strength, erection simplicity, and intrusion-resistant anti-climb properties. Proven in prison environments, 358 anti-climb rigid mesh fencing is virtually impossible to climb or break through, while maintaining excellent visibility.

**5 YEAR**  
WARRANTY

### Unique Double Vertical™ Design

358 rigid mesh fencing is an outstanding deterrent to intruders, thanks to its superior design and inherent anti-climb properties. The unique Double Vertical design means 358 delivers significantly more strength, while retaining the ability to see through the product for effective visibility.



The unique Double Vertical design offers outstanding rigidity and low wind resistance, making it ideal to use with electronic detection systems and alarms.

### Galvanised After Fabrication

Unlike other anti-climb fencing products, 358 anti-climb rigid mesh fencing is galvanised after fabrication. This guarantees all welded joints are protected from exposure to moisture, effectively eliminating the chance of weld-point rust to occur, ensuring unparalleled product quality and enhanced longevity.

As well as being highly attractive visually, 358 anti-climb rigid mesh is imported in bulk order by our supplier, ensuring the product is also available at a very attractive price.

### Exceptional Features + Benefits

**Resistance to Vandalism:** 358 anti-climb rigid mesh fencing has finger-resistant apertures combined with 4mm wire diameter that provides a substantial barrier that is difficult to climb and penetrate. It is practically impossible to cut the wires on 358 using conventional bolt or wire-cutters.

**Stability:** Due to its rigidity and minimal wind resistance, 358 is very stable making it ideal for use with electronic alarms and when strain tension on end anchors cannot be achieved, such as roof tops and walkway protection.

### Outstanding Versatility

358 anti-climb rigid mesh fencing is ideal for everything from high-security installations (prisons, military compounds and power facilities) through to high-end architectural applications thanks to its style and strength, and superior anti-climb (yet visibility-friendly) properties. Depending on your requirements, 358 anti-climb rigid mesh fencing can be custom-ordered to measure. Mesh panels can also be ordered in a black steel finish.



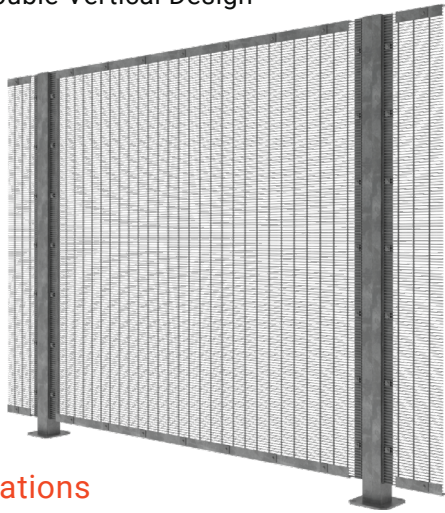
### Ideal Application

- **Architectural:** Stairwell enclosures, pedestrian bridge screens, protective screens
- **Retail:** Shopping centres, carpark buildings
- **Correctional Facilities:** Prisons, youth justice centres
- **Animal Enclosures:** Zoos, dog pounds
- **Utilities:** Power sub-stations, water treatment facilities
- **Educational Facilities:** Schools, university campuses
- **Restricted Areas:** Airports, goods delivery areas, motorway security
- **Recreational:** Sports grounds, community centres
- **High Security Areas:** Consulates, sensitive sites

**Durability:** 358 offers low maintenance, long life protection. Hampden offers a 5-Year Warranty on 358 anti-climb rigid mesh fencing.

# 358 Anti-Climb Rigid Mesh Fencing - Seriously Secure

## Unique Double Vertical Design



## Specifications

### Mesh Material

- 358 Mesh: Electrically welded at every intersection
- Horizontal aperture: 72.2mm
- Vertical aperture: 8.7mm

### Panels

- Max Sheet Width: 2210mm, Oriented with Attack Face Narrow 72mm aperture on horizontal plane
- Height: 2.4, 3.6m in stock (other heights by indent)
- Dimension tolerance: +/- 2.5mm
- Squareness: +/- 2% of nominal panel size
- Flatness: +/- 50mm clear of surface laid flat
- Weight: 11.3 kg/m<sup>2</sup>
- Solidity: 35%

### Wire

- Type: 4mm diameter Bright Drawn Wire
- Ultimate Tensile Strength of sheet min. 550MPa and Yield min. 350MPa with welds at 60% of breaking force of wires.

### Wire Coating

- Hot dip galvanised after manufacture
- Average coating: 575g/m<sup>2</sup> - conforms to AS / NZS 4534:2006 class W10Z10A

### Double Vertical Design

- Delivers significantly more strength
- Outstanding rigidity
- Low wind resistance - ideal to use with electronic detection systems & alarms

### Fittings

- Tamper resistant fasteners. We use tamper resistant fasteners such as Lock Bolt / Huck Bolt or Argus non-removable screw with 358 clip.
- M8 Coach head hot dip galvanised and shear nut
- Alternative M8 Power Drives, one way or reversible

### Finishes

- Hot dip galvanised in stock
- Black non galvanised on indent
- Powder coated to any colour (not in stock)

## Lock-Bolt

The ultimate fastener for high security is a Rivtec lock-Bolt (Huck Bolt pin and collar fastener). The Huck Bolt has a series of annular grooves that a round collar is swaged onto (using a specialised installation tool).



## Security Screws

Unique recessed head security screws that can only be inserted or removed using specialised drive bit.



## 358 Clip

The 358 clip is a purpose-made washer designed to fit perfectly over the horizontal wires of the 358 rigid mesh. Each clip has a square opening to accommodate the required fastener.



## Installation and Safety

358 anti-climb rigid mesh fencing is most effective when installed by a trained and experienced installer. A Hampden installer will be able to recommend the best configuration for your location and security needs.

You will generally only need a building consent for fences over 2.5m. However you may still need a resource consent for some fences below this height. Contact local council to check the specific height restrictions and design requirements for your local area.

**For more specifications and information please visit [www.hampden.co.nz](http://www.hampden.co.nz) or call the Hampden team.**