



FD-358-XS Anti-Climb Rigid Mesh Fencing

FD-358-XS 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.



Unique Double Vertical™ design

FD-358-XS rigid mesh fencing is an outstanding deterrent to intruders, thanks to its superior design and inherent anti-climb properties. Our unique Double Vertical™ design means FD-358-XS 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, FD-358-XS anti-climb rigid mesh fencing is galvanised after fabrication. This guarantees all welded joints are protected from exposure to moisture, effectively eliminating the chance for weld-point rust to occur, ensuring unparalleled product quality and enhanced product longevity. As well as being highly attractive visually, FD-358-XS anti-climb rigid mesh is imported in bulk, ensuring the product is also available at a very attractive price.

Outstanding versatility

FD-358-XS 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 & strength, and superior anti-climb (yet visibility-friendly) properties. Depending on your requirements, FD-358-XS anti-climb rigid mesh fencing can be custom ordered to measure. Mesh panels can also be ordered in a black steel finish.



Ideal applications

- **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

Exceptional features and benefits

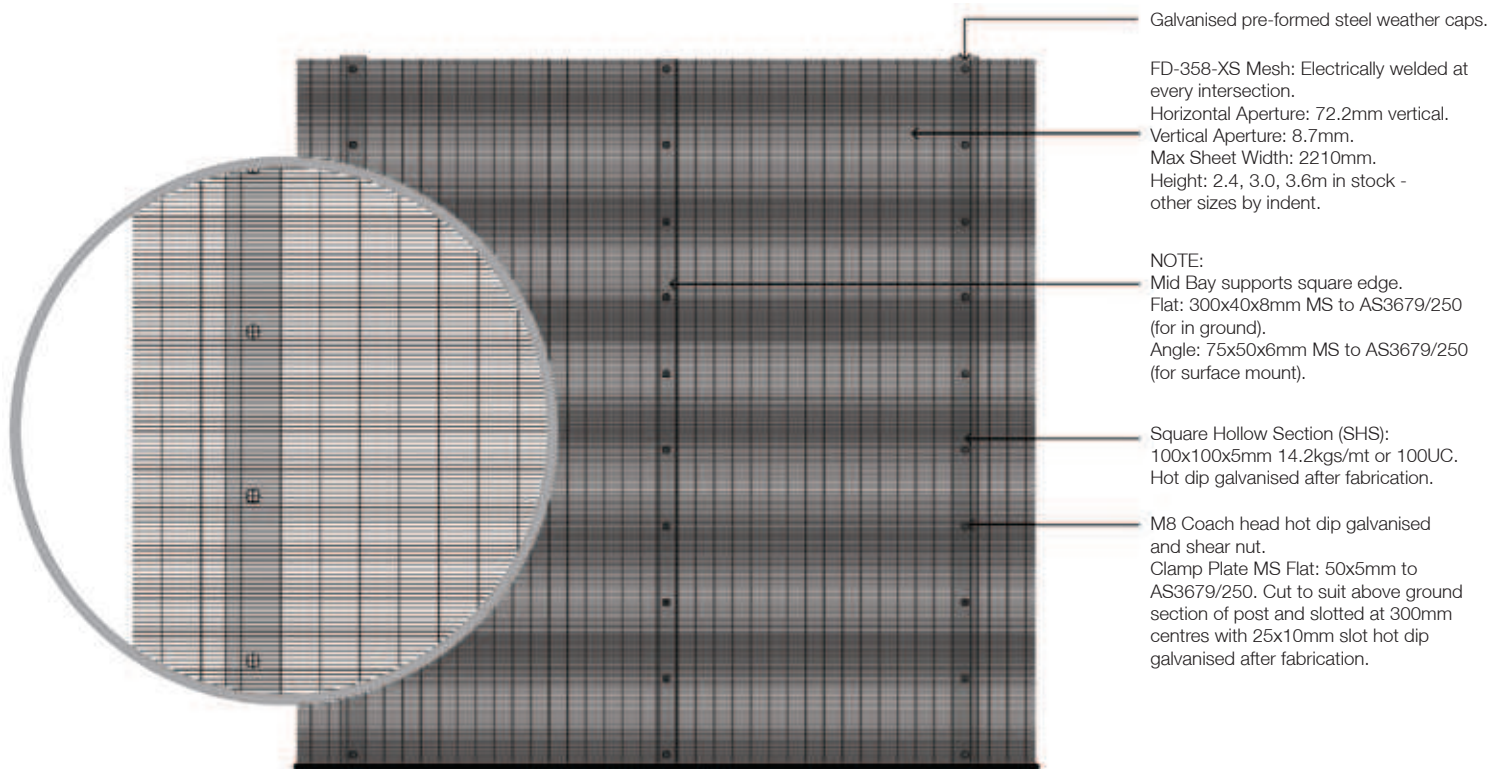
RESISTANCE TO VANDALISM: FD-358-XS anti-climb rigid mesh fencing has finger-resistant apertures combined with 4mm wire diameter provides a substantial barrier that is difficult to climb and penetrate. It is practically impossible to cut the wires on FD-358-XS using conventional bolt or wire-cutters.

STABILITY: Due to its rigidity and minimal wind resistance, FD-358-XS 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.

GOOD VIEWING VISIBILITY: In spite of the small mesh aperture the see-through characteristics of FD-358-XS remain unimpaired when viewed head-on and even at an angle to the fence. This is particularly important for clear camera surveillance.

DURABILITY: FD-358-XS offers low maintenance, long life protection. Mr Fencer offers a 5 Year Warranty on FD-358-XS anti-climb rigid mesh fencing.

FD-358-XS Anti-Climb Rigid Mesh Fencing - seriously secure fencing



Specifications

MESH MATERIAL

- FD-358-XS 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, 3.0, 3.6m in stock. Other heights by indent
- Dimension tolerance: +/- 2.5mm
- Squareness: + 0.2% of nominal panel size
- Flatness: +/- 50mm clear of surface laid flat
- Solidity: 35%
- Weight: 9.4 kg/m²

WIRE

- Type: 4mm diameter Bright Drawn Inter Annealed
- High Tensile strength: 540-615 N/mm²
- Fatigue resistance: 13 No. 90° bends (before welding), 8 No. 90° bends (after welding)
- Weldshear strength: 75% of tensile strength wire to EN10223-4: 1998

WIRE COATING

- Hot dip galvanised after manufacture
- Minimum coating: 500 g/m²

WARRANTY*

- FD-358-XS Mesh 5 years manufacturers warranty (*Some conditions apply)

POST FORM

- Cut to specified length to include footing depth.
- Drilled to 7.5mm one side to accept mesh/clamp plate fixing bolts at 300mm centres.
- Capped with galvanised pre-formed steel weather caps.
- Hot dip galvanised after fabrication.

POST MATERIAL

- Square Hollow Section (SHS): 100x100x5mm x 14.2kgs/mt or 100UC
- Grade: C350LO
- P of I: About both axis : 2.66 (106mm⁴)
- Minimum tensile strength: 350-430 MPa
- Hot Dip Galvanised after fabrication

CLAMP PLATE

- MS Flat 50x5mm to AS3679/250
- Cut to suit above ground section of post and slotted at 300mm centres with 25x10mm slot
- Hot dip galvanised after fabrication

FITTINGS

- M8 Coach head hot dip galvanised and shear nut
- Alternative M8 Power Drives, one way or reversible
- M8 Security Shear Dome. Thread tapped after hot dip galvanising to BS729

MID BAY SUPPORTS

- Square Edge Flat: 300x40x8mm MS to AS3679/250 (for in ground)
- Angle: 75x50x6mm MS to AS3679/250 (for surface mount)

FINISHES

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

Installation and Safety

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

For more specifications and information about FD-358-XS anti-climb rigid mesh fencing, please call 0800 MR FENCER (0800 673 362)



www.mrfencer.co.nz
info@mrfencer.co.nz
Scott Foster 027 557 9904
Malcolm Davidson 021 434 401