358 Security Mesh

High-security welded mesh fencing



358 mesh and post installation

1. Close 76.2 x 12.7mm mesh spacing helps deter climbing.
2. Welded 4mm steel wire provides a rigid, cut-resistant panel.
3. Full-height clamp bars and M8 fixings secure the mesh to the posts.
4. Steel posts are available in dig-in or bolt-down configurations.

System Features

- Anti-climb mesh configuration
- Restricted access for cutting tools
- Visibility for CCTV monitoring
- Continuous clamp-bar fixing
- Polyester powder coated finish

Matching gates available

Applications Include

- Utilities & critical infrastructure
- Secure compounds & data centres
- Airports & transport facilities
- High-value storage & logistics
- Government & institutional sites

High-Security Mesh Perimeter System

358 security mesh combines closely spaced horizontal wires with strong vertical wires to form a rigid perimeter barrier. The narrow mesh openings restrict hand and footholds and make access with cutting tools more difficult. Through-visibility supports site observation and CCTV, while steel posts and continuous clamp bars provide a secure panel connection.

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System Specification / 2500mm Bay

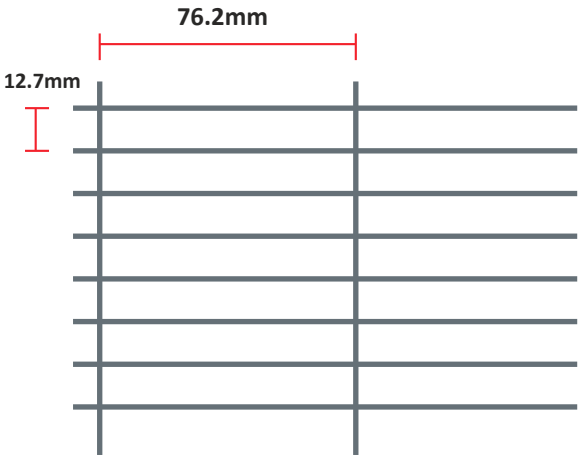
Fence height	Post centres	Post section	Dig-in post length	Bolt-down post length	Nominal dig-in depth
1.8m	2500mm	60 x 60mm	2400mm	1800mm	600mm
2.0m	2500mm	60 x 60mm	2600mm	2000mm	600mm
2.4m	2500mm	60 x 60mm	3000mm	2400mm	600mm
3.0m	2500mm	60 x 60mm	3800mm	3000mm	800mm

Typical kit dimensions. Final post sections and foundations must suit the site conditions and loading requirements.

Panel & Fixing Details

Component	Specification
Mesh spacing	76.2mm wide x 12.7mm high
Wire diameter	4mm
Material	Pre-galvanised steel
Finish	Polyester powder coating (PPC)
Top edge	Smooth
Fixing system	M8 bolts and full-height clamp bars

Mesh Detail



4mm wire - schematic only



Small Openings. Strong Protection.

The 358 mesh pattern uses closely spaced horizontal wires to limit grip and footholds. Its dense welded construction helps resist cutting while retaining visibility through the fence.

Specify fence height, post fixing and finish to suit your perimeter.

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Posts, Clamp Bars & Installation



Continuous clamp bar and mesh connection

Full-Height Clamping

A continuous steel clamp bar holds the mesh against the post face. M8 fixings secure the assembly along the post, helping resist attempts to prise the panel away.

Post Options

Dig-in: extended posts set into concrete foundations.

Bolt-down: baseplated posts fixed to a suitable concrete base.



Clamp bar and security fixing detail

Installation & Site Layout

The kit system requires assembly on site. Set out the posts at 2500mm centres and secure the mesh with the clamp bars and specified M8 fixings. Use the correct security bit for the selected fasteners.

Panels can be stepped to accommodate sloping ground. Confirm the fence line, changes in level, corners and gate positions before installation.

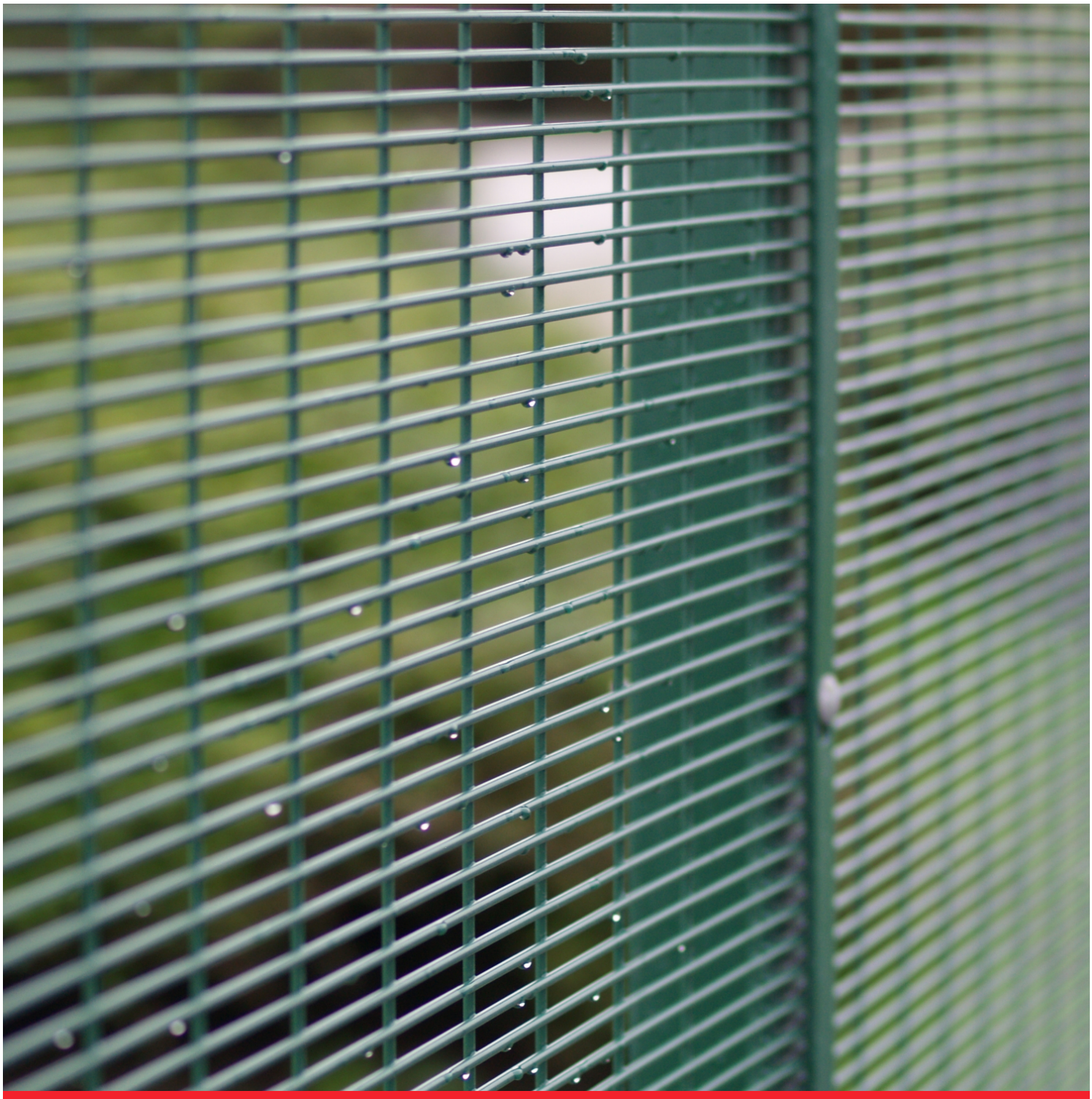
Matching Gates & Integration

Matching mesh gates provide pedestrian or vehicle access. Where required, discuss compatible perimeter detection and security toppings as part of the overall site design.

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FENCING STOP PRODUCTS



SECURE PERIMETERS. CLEAR VISIBILITY.

358 security mesh fencing with a durable powder coated finish. Green and black options complement a wide range of sites; other RAL colours can be specified on request.

Discuss your height, fixing and colour requirements with OneStop.