

# 358 high security fence for backyard fencing project

358 Wire mesh fence also known as "PRISON MESH" or anti-climb fence, it is a special fencing panel we can make in our city, this production offers the best value for performance, durability and appearance.'358' comes from its measurements 3" × 0.5" × 8 gauge which equates to approx. 76.2 mm × 12.7 mm × 4 mm in metric.

358 Security Fencing with welded PVC panel and fence post in green color

358 Wire mesh fence is a professional structure designed for high security environments, combined with an steel framework, coated with heavily zinc or RAL color Powder coating.

358 security fences are extremely difficult to penetrate, with the small mesh aperture being effectively finger proof, and extremely difficult to attack using conventional hand tools. 358 fences are recognized as one of the most difficult to break through the barrier, because it is difficult to climb. It is called security fencing and high- strength fencing. 358 security fencing panel can be bent in part to enhance the aesthetic effect.

While 3510 Security Fencing has many of the attributes of 358 Security Fencing and its main strength is its lighter. Using 3 mm wire instead of 4 mm allows even better visibility allowing a wider variety of applications. Its lighter and cheaper so it's ideal for commercial applications. Unlike chain link fencing, if cut every intersection, the welded mesh will not unravel or lose stability. Because every wire of 358 security fencing panel is individually welded throughout the mesh panel.

358 Wire mesh fence Features:

Anti-climb: More small openings, no toe or finger holds, so called anti-climb fence.

Anti-cut: robust wire and welded joints make cutting very difficult.

Better Visibility: flat, two-dimensional profile, easier to see through than chain link.

358 Wire mesh fence Finish treatment: There are two treatment types: hot dipped galvanized and plastic coated. The colors of plastic coated are mainly green and black. Each color is available according to your require.

358 Wire mesh fence Specifications

1/2" × 3" × 8 gauge, 1" × 3" × 8 gauge. Panel size from 2m to 4m. finishes by hot dipped galvanized or powder coated after gal.any color available.

1/2" × 3" 10.5 gauge GAW plus heavy duty, marine grade PVC fence with water resistance for house backyard fencing project.

Mesh Material 358 mesh fence electrically welded at every intersection

Horizontal aperture: 72.2 mm Vertical aperture: 8.7 mm.

Fence Panel specifications:

Width: 2366 mm.

Height: <5000 mm (greater heights with splice).

Dimension tolerance:  $\pm 2.5$  mm.

Squareness: + 0.2% of nominal panel size.

Flatness:  $\pm 50$  mm clear of surface laid flat.

Solidity: 35%.

Weight: 9.1 kg/m<sup>2</sup>.

Attack Face Narrow aperture in the horizontal plane.

Material type: galvanized.

Height: 2.50 m.

Length: 2.23.

Mesh size: 76.20  $\times$  12.77 mm.

Diameter: 4.00 mm.

Square meter: 37 500,00 m<sup>2</sup>.

Finished: galvanized or PVC coated.

Height: 3.00 m.

Hauteur: 2.50 m.

Passage: 7.00 m.

358 Wire mesh fence Applications:

Bridge anti-climb guarding & guard safety screening.

Psychiatric hospital security fencing.

Prison security fencing.

Factory machine guards.

Walkway security fencing.

Airport security fencing.

Shipping Port Security fencing.

Electrical sub-station fencing.

Gas pipelines security fence.

High security living area and private field fence.

358 high security fence (hot dipped galvanized) project as below

Front Fence

Total length is 486,000 LM & the whole fence will be fixed over Barrier. All posts will be embedded 90 cm into the barrier. Therefore, at 90 cm height a flange must be there with 4 holes on all 4 corners to fix it over the concrete.

Mesh Hole: 76.2  $\times$  12.7 mm.

Wire Diameter: 3.5 mm - 4.0 mm (wire zinc coated not less 366 g/m<sup>2</sup>).

Fence Panel: 2.65 m (height)  $\times$  3 m (width).

Square Post: 80  $\times$  80 (or 60)  $\times$  5.1 mm  $\times$  3.7 m (zinc coated not less 450 g/m<sup>2</sup>).

"V" double bracket: 80  $\times$  80  $\times$  5.1 mm, double extension arm at 45 degree to place & fix the 6 wires of barbed wire & place the concertina coils over it.

"Y" post total length: 3.7 m.

Accessory: flat iron sheet, nuts and bolts, necessary barbed wire & concertina coils (all to be hot

dip galvanized with a zinc coating not less than 366 gm/m<sup>2</sup>).

#### Rear Fence

Total length is 343,000 Lm. All post will be embedded into the concrete at 90 cm depth. The same type of flange is as of front fence to fix the post on concrete surface.

Product Name: 358 high security fence (hot dipped galvanized).

Mesh Hole: 76.2 × 12.7 mm.

Wire Diameter: 3.5 mm – 4.0 mm (wire zinc coated not less 366 g/m<sup>2</sup>).

Fence Panel: 2.65 m (height) × 3 m (width).

Square Post: 80 × 80 × 5.1 mm × 3.6 m (zinc coated not less 450 g/m<sup>2</sup>).

"V" double bracket: 80 × 80 (or 60) × 5.1 mm × double extension arm at 45 degree to place & fix the concertina wire over it. (same as for the above front fence).

"Y" post total length: 3.9.

Accessory: flat iron sheet, nuts and bolts barbed wires & concertina coils.

#### 358 fence Benefits:

##### Secure and discreet

A superior system for providing security where a discreet visual impact on the immediate environment is essential.

##### Vandal resistant

The finger proof aperture combined with 4 mm wire diameter provides a barrier that is difficult to climb or penetrate. Almost impossible to cut wires by use of conventional bolt or wire cutters.

##### Efficient deterrence

An effective deterrent to intruders available in various heights up to 6 m. Compatible with electronic detection and alarm systems.

##### Good viewing visibility

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

##### Durability

The high quality advanced coating technology guarantees an extended product life span and low maintenance.

##### Installation

The panels are produced at 3.050 m, reducing the amount of posts needed by 20%. Installation time is thus reduced.

##### Weld Strength

The superior welding technique and process control create a stronger fusion between the wires.

##### Complete system

Supplied as a complete system with panels, posts and gates - stepped panels available to suit sloping sites.

## PROMAX MESH FENCING

### Posts - Hot Dip Galvanised

CODE	NOMINAL HEIGHT	STD LENGTH	EMBEDMENT	SLOTS	WEIGHT
<b>T POST - 100x120x6 - INGROUND - 14SQ EXTENSION &amp; EARTH HOLES INCLUDED - 8.82Kg/M HDG</b>					
PP T100 3400 G	2400	3400	925	235	45.2Kg
PP T100 3700 G	2700	3700	925	241	49.2Kg
PP T100 4500 G	3000	4500	1425	246	59.4Kg
PP T100 5000 G	3600	5000	1325	246	66.5Kg

Flanged posts available - 250x250x16mm plates

### CORNER POST - 125X125X8 EA - EARTH TAG INCLUDED - 16Kg/M HDG

PP CP 3400 G	2400	3400	NA	235	54.40
PP CP 3700 G	2700	3700	NA	241	59.20
PP CP 4500 G	3000	4500	NA	246	72.00
PP CP 5000 G	3600	5000	NA	246	80.00

Flanged posts available - 250x250x16mm plates

### Security Mesh - Zalcote

CODE	WIDTH	HEIGHT	LONG WIRE	CROSS WIRE	PITCH	WEIGHT
<b>PROMAX 358 VARIMESH - 30, 50, 70 VARI PITCH ONE END - SUIT POST CENTRES 2440</b>						
PMZ3582424	2404	2396	Ø4	Ø4	75X13	51.6Kg
PMZ35824255	2404	2550	Ø4	Ø4	75X13	54.0Kg
PMZ3582427	2404	2695	Ø4	Ø4	75X13	58.5Kg
PMZ3582430	2404	2994	Ø4	Ø4	75X13	64.9Kg
PMZ3582432	2404	3202	Ø4	Ø4	75X13	70.5Kg
PMZ3582436	2404	3592	Ø4	Ø4	75X13	75.7Kg
PMZ3582440	2404	3995	Ø4	Ø4	75X13	84.7Kg
<b>PROMAX 258 VARIMESH - SUIT POST CENTRES 2440</b>						
PMZ25824239	2404	2396	Ø4	Ø4	50X13	55.1Kg
PMZ25824255	2404	2550	Ø4	Ø4	50X13	57.5Kg
PMZ2582427	2404	2695	Ø4	Ø4	50X13	62.5Kg
PMZ2582430	2404	2994	Ø4	Ø4	50X13	69.3Kg
PMZ2582432	2404	3202	Ø4	Ø4	50X13	75.3Kg
PMZ2582436	2404	3592	Ø4	Ø4	50X13	81.0Kg
PMZ2582440	2404	3995	Ø4	Ø4	50X13	90.2Kg
<b>PROMAX UTRAMESH - 30, 40, 50, 65 VARI PITCH BOTH SIDE - 2X40 PITCH CENTRALLY - SUIT POST CENTRES 2440</b>						
PMZ3582424ULTRA	2404	2396	Ø5.6	Ø4	75X13	61.5Kg
PMZ3582430ULTRA	2404	2994	Ø5.6	Ø4	75X13	76.6Kg
PMZ3582440ULTRA	2404	3995	Ø5.6	Ø4	75X13	101.5Kg
PP TREA504GH	TOP RAIL - MESH SLOTS + CONCERTINA SLOTS			50X50X4 EA		9.0Kg