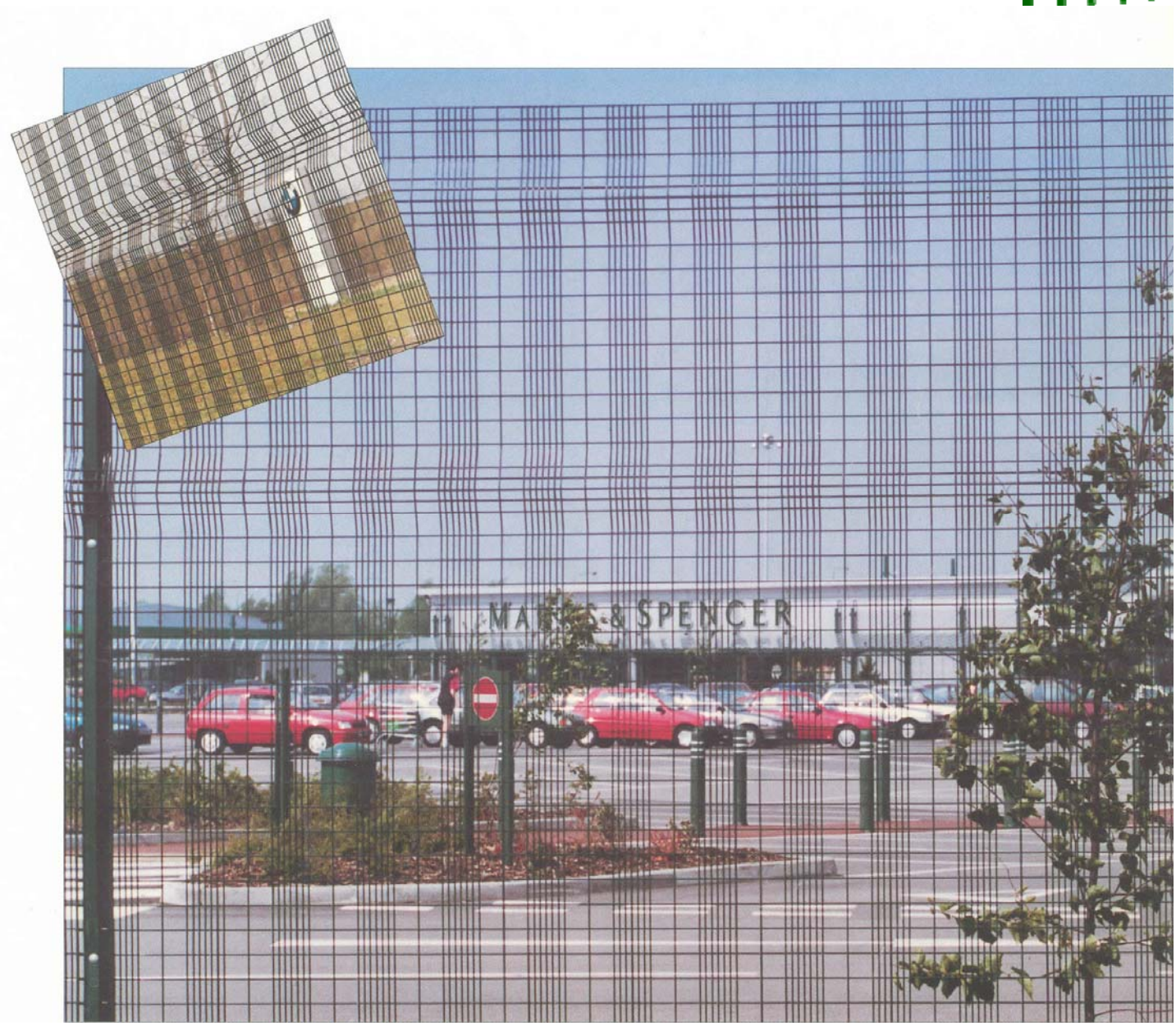
GLOMESH BEAMA®
Fencing Systems



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GLOMESH Beama Fencing Systems

The GLOMESH Beama Fencing System is an innovative and unique welded mesh boundary fence panel applying with anti-vandal fixings. This system offers “V” form power beam reinforced to form panels in strength, rigidity and contemporary appearance, along with cost effective for anti-intruder barrier.

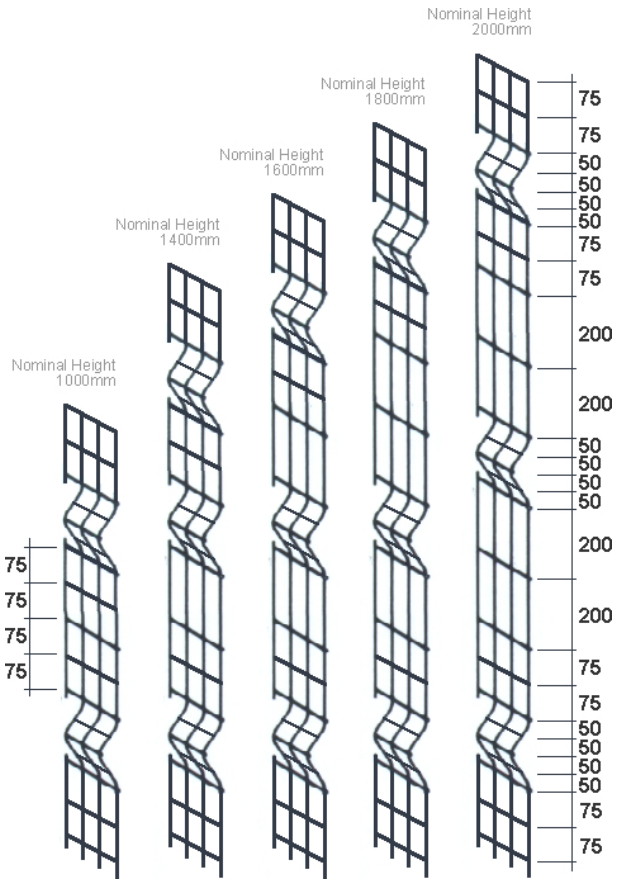
GLOMESH Beama panels feature pressed "V" forms power beam containing additional wires in 4mm diameter for the full panel, together with narrow meshes running vertically.

The Beama Fencing System offers secure and attractive, long lasting, anti-intruder perimeter protection for a wide range of industrial, commercial and recreational areas and leisure complexes, schools and public parks etc where an aesthetically pleasing appearance is essential.

DESCRIPTION

The distinctive appearance is achieved by repetitive 75 mm wide bands to mesh as narrow as to 12.5mm apertures running vertically in the panel, with two 50mm apertures in between or tailor made as per requests

Panels are 1.6m, 2.37m and 3.025m nominal width and in heights from 0.6m to 2m. The GLOMESH Beama Fencing System is designed to build barrier with in single lift panel or in any combination of multi lift panel size to reach heights over 2m.



SPECIFICATION

Nominal Fencing Height (mm)	Nominal Panel Size (mm)	No. of Beams
1000	1030 x 3025	2
1400	1430 x 3025	3
1600	1630 x 3025	3
1800	1830 x 3025	3
2000	2030 x 3025	3

Mesh Aperture - varies to 50mm x 50mm max or as per request

Wire Diameter - 3mm generally or as per request with additional 4mm in the "V" form power beam.

No. of Beams - Max. 2 for 1000mm Panel height; 3 for 2000mm

SITEWORK

Being a panel fence type construction, straining posts, bracing struts and tensioning wires are only required when using a security topping. Intermediate posts holed in one face only and 900 corner posts holed in two adjoining faces are the only post types required when security toppings are not specified.

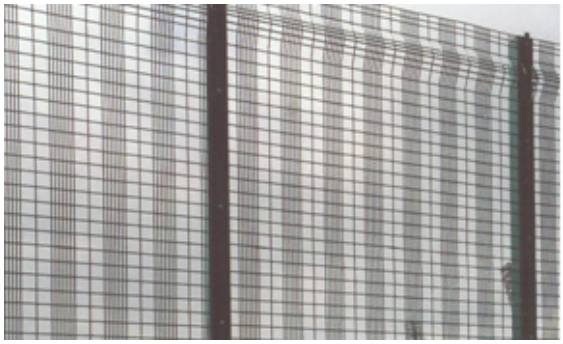
The preferred method of erection is Post-panel-post-panel etc, overlapping the panels 50mm approximately, thus achieving nominal post centres of 2.975m. Full fixing details available on request.

Beama panels are easily handled by one or two men. To avoid damage to either the shape or the coating panels must be carried and not dragged in to position.

STANDARDS

The wire is manufactured in accordance with BS 4102 and is galvanized to BS 443 or equivalent.

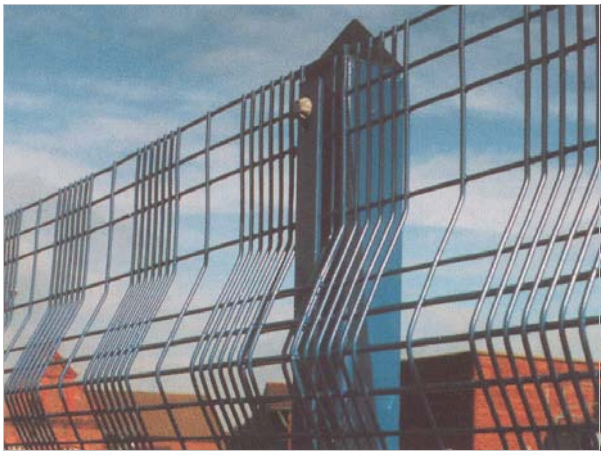
The system is designed in accordance with BS 1722 Part 14; the specification for open mesh steel panel fences



For additional security, Beama Fencing Systems may be topped with either single cranked, double cranked, or vertical extension arms to carry three rows of barbed tape or barbed wire, tensioned at all changes of direction on straining posts.

Support Systems

RHS Posts



DESCRIPTION

Manufactured from hot rolled hollow section steel tube to GB Q235B for strong and elegant appearance. Available in a range of sizes to suit the fence height and hot dip galvanized to BS 729 then color coated in a range of eight standard colors. End posts, corner posts and intermediate posts are all available to suit the fence height.

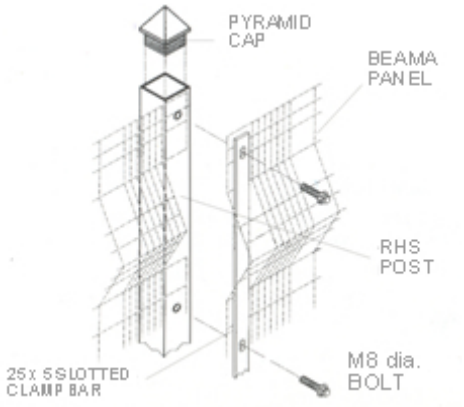
For additional security, posts may be supplied with either single cranked, double cranked or vertical extension arms to carry three rows of barbed tape or barbed wire, tensioned at all changes of direction on straining posts.

All posts are supplied complete with 25 x 5mm slotted clamp bars, M8 diameter tamper-proof bolts (requiring a customized tool) and tight fitting black nylon caps - Pyramid type for 50 x 50 section posts and Flat type for all other sizes unless otherwise specified

FIXING METHOD

The preferred method of erection is post-panel-post-panel etc, overlapping the panels 50mm approximately thus achieving nominal post centres of 2.975m. The panels are then finally fixed in position using a full length slotted clamp bar inserted through the "V" forms Beam and M8 dia Bolts screwed into threaded sockets in the Clamp Washers positioned behind the front leg of the post, allowing for easy adjustment to suit sloping ground.

Standard length posts may be used when adjoining panels are stepped 150mm maximum. Extra length posts (made to order) may be required for steps over 150mm or for poor ground conditions.



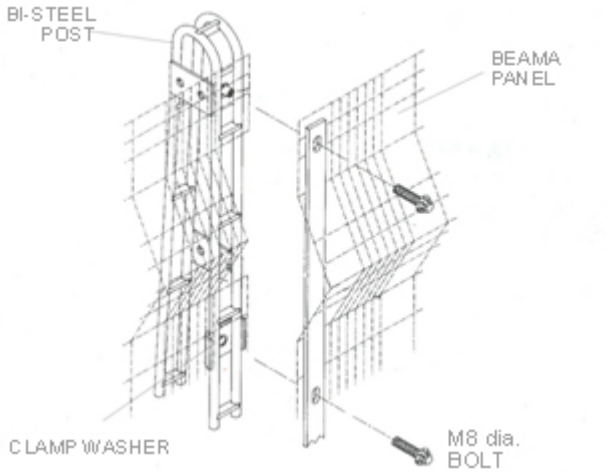
BI-STEEL Posts

SPECIFICATION

Bi-Steel posts have been designed to resist impact whilst retaining the integrity and security aspect of the fence. Manufactured from twin rods of hard drawn wire, joined with flattened cross wires, and bent into a tapered hair pin shape, supported by welded horizontal spacer plates. End posts, corner posts and intermediate posts are all manufactured using the Bi-Steel material, produced to the same basic design so that they blend together when installed.

For additional security, posts may be supplied with either single cranked, double cranked or vertical extension arms to carry three rows of barbed tape or barbed wire, tensioned at all change of direction on straining posts.

All posts are supplied complete with 25 x 5mm slotted clamp bars, M8 diameter tamper proof bolts (requiring a customized tool) and 40 x 3mm Clamp Washers fitted with threaded inserts.



FIXING METHOD

The preferred method of erection is post-panel-post-panel etc, overlapping the panels 50mm approximately thus achieving nominal post centres of 2.975m. The panels are then finally fixed in position using a full length slotted clamp bar inserted through the "V" forms beam and M8 dia Bolts screwed into threaded sockets in the Clamp Washers positioned behind the front leg of the post, allowing for easy adjustment to suit sloping ground.

Standard length posts may be used when adjoining panels are stepped 150mm maximum. Extra length posts (made to order) may be required for steps over 150mm or for poor ground conditions.

Multi-lift Fencing System

SPECIFICATION

To achieve fence heights in excess of 2.4m, two or more panels may be erected above each other in any combination of size to achieve the overall required finished height.

NOMINAL FENCE HEIGHT (m)	PANEL SIZE (m)
2.1	1.2 + 0.9
2.7	1.8 + 0.9
3.0	1.8 + 1.2
3.3	2.0 + 1.3
3.60	2.0 + 1.6 or 1.8 + 1.8

The method of erection for multi-lift fences is the same as for single-lift, ensuring that the lower panels overlap the upper by one mesh minimum and are securely fastened to each other using stainless steel welded-fence clips

SUMMARY BENEFITS

The Beama Fencing are designed and manufactured in quality fencing systems to fulfill our customers' demands and expectations in all sectors of the security fencing market.

The principal features of GLOMESH Beama Fencing Systems are:

.A sophisticated decorative type mesh pattern, with integral horizontal "V" forms power Beam to further enhance the appearance and performance

- Strong but lightweight construction having an improved performance against "cut through" and climbing, whilst providing clear visibility beyond the fence line. Continuous clamp bar fixing for improved strength, durability and security
- No unsightly or hazardous nuts and bolts projecting from the rear of the post
- Simple but sophisticated design for easy installation, with flexibility at corners and gradients

REFERENCES

Further information is available on the manufactures range of fencing products, covering the following areas:

High Security, General security

Commercial Properties, Industrial Premises

Sport and Leisure

Toppings and Barriers, Fencing Posts

BLACK RAL9005	GREY RAL7005	BLUE RAL5010	WHITE RAL9010	GREEN RAL6005	RED RAL3000	YELLOW RAL1006	BROWN RAL8019