



26 FASTGUARD

GRAMM EXPANDED METAL SYSTEM TRACKSIDE AND UTILITY APPLICATIONS



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The expanded metal mesh is formed from a single sheet of steel making it a highly durable fabric for a fencing system with excellent see through visibility.

With anti-tamper fixings as standard, the system is ideally suited for all sectors including trackside, utilities, schools, industrial, ports and MoD.



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Standard sizes

Fence height (m)	Panel size H x W (mm)	Number of rails	Cross rail size	Post sizes (mm)
1.4	1400 x 3100	2	41 * 21 pressed channels	60 x 40
1.8	1800 x 3100	2 or 3	41 * 21 pressed channels	60 x 40
2.1	2100 x 3100	3	41 * 21 pressed channels	60*40 or 80 x 40
2.4	2400 x 3100	3	41 * 21 pressed channels	80 x 40
2.8	2800 x 3100	3 or 4	41 * 21 pressed channels	90 x 50

Heights above the standard range can be achieved using a multi-lift system.

The FASTGUARD system provides excellent protection against penetration and climbing - a robust demarcation to deter against unwanted intrusion and vandalism.

FASTGUARD is versatile and suits almost every application from low cost demarcation to the highest security establishments.

Post system

Posts are generally manufactured from 60 x 40 x 3mm RHS (1.8 high) and 80 x 40 x 3mm RHS (2.4 high), alternative sections are available. For Rail conditions, posts should be 150mm longer in the base to allow for the track ballast.

All posts are supplied with either threaded inserts or bolt-through as requested. Specially designed clamp bar is used to secure the panel in place.

Posts can be supplied on base plates, with crank to fit onto a wall or as standard are buried to British Standards

post depths (any special requirements can be supplied).

Posts can also come with extensions - vertical or cranked to take a range of toppings.

Standard fence heights

1.8m and 2.4m as standard - However any height up to 2.8m can be produced using a single mesh panel and higher heights using overlapping joints.

All panels are produced to accommodate 3m post centres.

Mesh Specification details

- 16:91 Commercial - 100 x 50 diamond 3mm thick x 3mm strand
- 16:97 General - 100 x 50 diamond 3mm thick x 5mm strand
- 9:90 Security - 50 x 23 diamond x 3mm thick x 3mm strand.

Other meshes are available upon request.

Gates

Standard gates are available or tailored-made to suit your requirements. All gates are supplied with anti-tamper adjustable hinges, pad-lockable drop-bolts, multi-holed to suit site conditions complete with anti-climb protection. See our gate range for further details.

Additional security toppings

Gramm supply additional toppings for security fences including razor wire coils, razor wire tape, barbed wire, rotating spikes.

We can also prepare fence posts to take electric security fence on the back and work closely with the major electric security fence manufacturers.

