



Crash rated fence

Anti-ram systems

This crash rated barrier is a certified system to withstand the impact of a vehicular attack on sensitive sites, borders and high risk industries.

Product detail



BENEFITS

Certified technology

Fully certified systems, according to the American Society for Testing and Materials (ASTM) to fit your desired level of security.

Cost effective

Specifically designed for its arresting capabilities and maximum security while also offering ease of installation and a cost effective solution for the protection of high value assets.

Stopping power

The system will arrest up to 6800 kg vehicle traveling at 80 Km/h within 1 m of the fence line. No current other system is capable of producing this amount of stopping power.

Rapid replacement

Steel housing, with polyester powder coated finish. Internal mechanical elements are electro galvanised. Oval or round aluminium arm, white plastic coated with red reflexion strips and end-sealing.

Solar LED

Solar powered LED lights mounted onto terminal and crash line posts makes the barrier visible at night.

Security level



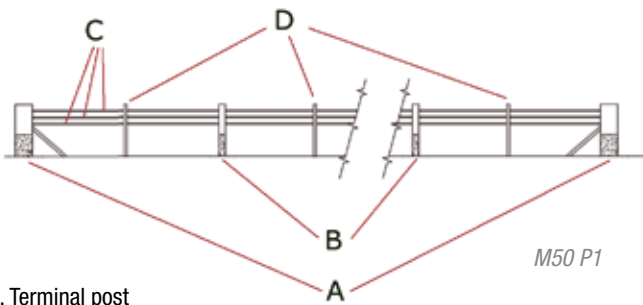
Applications



Functionalities



Simplistic 3 cable design



- A. Terminal post
- B. Line post
- C. 3 cables
- D. Intermediate line or fence* post

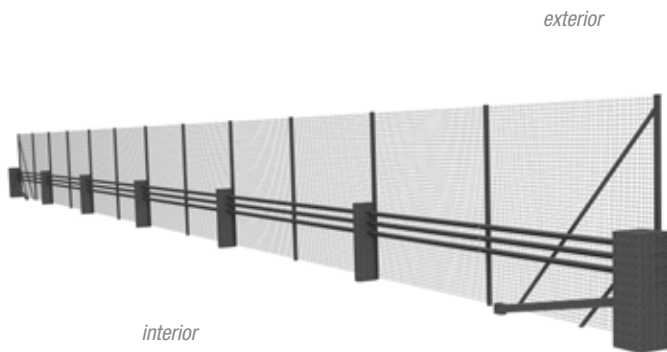
* if integrated within fence system

Coating technique

Galvanized or polyester coated for long life protection.

Variants

The anti-ram 3 cable barrier system can be integrated into all types of fencing systems, combining an aesthetically attractive look with an immense anti-ram force protection.



Fence integrated



Standalone

Crash gates

In line with the anti-ram performance of the fence, a corresponding crash tested and certified sliding gate ensures the same anti-terrorist force protection at the access points of the perimeter.



Crash tested and certified anti-ram performance

In order to ensure proper performance, each type of anti-ram barrier has an authentic crash test certificate mentioning the impact conditions and penetration rate of the applicable rating system (ASTM).

Betafence anti-ram type	Test vehicle weight	Nominal impact speed	Penetration rate
American Society for Testing and Materials (ASTM)*			
M50 P1/P2/P3/P4	6800 Kg	80 Km/h	P1 <= 1m P2 <= 7m P3 <= 30m P4 > 30m
M40 P1/P2/P3/P4	6800 Kg	65 Km/h	P1 <= 1m P2 <= 7m P3 <= 30m P4 > 30m
M30 P1/P2/P3/P4	6800 Kg	50 Km/h	P1 <= 1m P2 <= 7m P3 <= 30m P4 > 30m

Solar LED

Optional solar powered LED lights are waterproof, robust and offers running time of up to 12 hours. Colours available are: red, green, blue, orange, amber and white.

