TATA STEEL



Off-road safety barrier

Cost effective and flexible traffic control

We offer a variety of off-road safety barrier systems that provide robust protection for property and public safety.



Introduction

Our off-road systems are not designed for use on public highways and have been specifically tailored to accommodate the requirements of traffic control and pedestrian protection along alternative locations such as:

- Multi-storey and surface car parks
- Tunnel and bridge approaches
- Embankments
- Within industrial premises, surrounding plant, machinery and stock from surrounding vehicles
- Perimeter roads
- Alongside public foot paths, offices and public buildings
- Race tracks

Together with our off-road barrier, we also offer a range of corners and wing terminals from stock in both galvanized and uncoated finishes.

With a dedicated fabrication unit on site we can manufacture a range of bespoke barrier components tailored to suit individual applications.

Product range

Our off road barrier systems are defined around a range of standard components that provide a cost-effective solution for the majority of applications. This also means that they can be supplied from stock in response to your project requirements. Typical components utilised include:

Corrugated Beam

Our corrugated beam is available in three standard lengths, and can also be supplied curved in both concave and convex form. The corrugated beam that forms the basis of the off road system, is sometimes generically referred to as Armco. This design has previously been used for several decades for on-highway applications, giving an indication of the level of protection it can provide.

Open Box Beam

An alternative design, sometimes chosen on basis of appearance, is the Open Box Beam. It is stiffer than a standard 'Armco' corrugated beam and so might also be chosen in areas where light impacts are anticipated more frequently such as car parks. A range of complementary components for the Open Box Beam are also available.

Posts

A selection of post are available to cover different installation and ground conditions. Post designs are either 'Z' profile for lighter systems or universal beam (RSJ) profile for heavier systems, and are supplied either to 'cast-in' to the ground or with a mounting plate for surface mounting to an existing surface.

Corners

Both internal and external corners are available, in both 90 degree and 45/135 degree designs, that complement the corrugated beam profile and allow systems to flow around obstacles and pathways.

Ends / Terminals

A run of system is best completed by the addition of an end or terminal, either as a standard 'fishtail' or pedestrian 'bullnose' terminal. These fix directly to the end of the corrugated beam and provide a neat and effective ending to your barrier.

Accessories

A range of accessories can be provided to finish your system if required.

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