



Industrial Safety Barrier

EMTEK Vehicle Guidance Systems

Where there is an obligation to protect the public, employees, property, plant and machinery from vehicle movements. Emtek vehicle guidance systems are a sound economical means of providing that protection. The 310 mm wide corrugated beam derives its strength from its pressed wave profile and can be mounted onto excavated or surface mounted posts.

The intention is to reduce the consequences of an impact by absorbing some of the energy and then to redirect the vehicle as safely as possible.

Emtek provides several types of vehicle safety barriers systems in a number of configurations to meet your specific requirements, all of which are stocked locally to provide you with a fast and efficient service.



Emtek vehicle guidance systems offer protection for:

- Warehousing
- Car parks
- Industrial commercial and retail applications
- Loading Ramps
- Lorry and trailer parks
- Machinery and plant protection
- Harbour and airports
- Water and sewage works
- PowerStation's
- Building protection
- Playing fields, education and sports facilities
- Perimeter protection

Key Features:

- Supply and delivery only or installation available
- "Hands on" site consultation available by technical sales representative
- Bespoke designs to meet your individual needs
- Installation, repair and maintenance service available
- All steel components are hot dip galvanised to BS EN ISO1461 after manufacture
- BS6399 compliant systems available, contact our sales team
- All projects expertly managed and fitted to the highest standard by our dedicated contracts team.

Available Options:

- Internal external corners 90°, 130° available as standard, any other angles can be manufactured to order.
- Convex or concave curved beam available
- Single or double rail systems
- Integral handrail system
- Mesh Infill
- Excavated or surface mounted
- 330, 760, 1200, 1800mm standard post heights available as standard.
- Wing terminals or high visibility yellow end caps used to terminate end of barrier runs.

Type 1**Emtek Vehicle Guidance System**

- Off - road un-tensioned safety barrier on surface mounted post 330mm high (127x76x13Kg 250x330 x10 base plate) placed at 2000mm post centers
- Anchor fixing: 4no. HUS-H-16.5mm hex head screw anchor per post
- All barrier components manufactured and designed under Quality assured system and galvanized to BS EN ISO 1461.

**Type 2****Emtek Vehicle Guidance System**

- Off - road un-tensioned safety barrier on surface mounted post 760mm high (127x76x13Kg 250x330 x10 base plate) placed at 2000mm post centers
- Anchor fixing: 4no. HUS-H-16.5mm hex head screw anchor per post
- All barrier components manufactured and designed under Quality assured system and galvanized to BS EN ISO 1461

**Type 3****Emtek Vehicle Guidance System**

- Off - road un-tensioned safety barrier on surface mounted post 1200mm high (127x76x13Kg 250x330 x10 base plate) placed at 2000mm post centers
- Anchor fixing: 4no. HUS-H-16.5mm hex head screw anchor per post
- All barrier components manufactured and designed under Quality assured system and galvanized to BS EN ISO 1461





Type 4

Emtek Vehicle Guidance System

- Off - road un-tensioned safety barrier with C418 excavated 'Z' section intermediate posts 160mm x 49mm x 1165mm long placed at 2000mm post centers.
- Post foundations: 350mm diameter x 600mm deep.
- ST5/C25 concrete.
- All barrier components manufactured and designed under Quality assured system and galvanized to BS EN ISO 1461.



Specials

Emtek Vehicle Guidance System

- Un-tensioned corrugated beam on surface mounted Sprung buffer post 610mm high
- Design load for Vehicles not exceeding 2500Kgs
- Post centers at 1600mm as per BS 6399 Loading for Buildings Part 1
- C/W 1100mm post extensions, handrail and mesh infill
- All barrier components manufactured and designed under Quality assured system and galvanized to BS EN ISO 1461



Specials

Emtek Vehicle Guidance System

- Off - road un-tensioned safety barrier on surface mounted post 1100mm high (127x76x13Kg) with bespoke base plate placed at 1600mm post centers
- Anchor fixing: 4no. M16x 125mm stainless anchor
- And chemical resin
- All barrier components manufactured and designed under Quality assured system and galvanized to BS EN ISO 1461

