

Avon RB780CR K4 Chieftain Road Blocker



Avon RB780CR K4 High Security Road Blocker provides a high level of security against unauthorised vehicle access. The road blocker is designated as a Vehicle Security Barrier (VSB) and has been independently physically impact tested by the Motor Industry Research Association (MIRA). The test was conducted in excess of the Department of State test standard SD-STD-2.01 revision A, and achieved a certification class K4/L3 rating (ASTM M30/P1).

The blocker is hydraulically operated, driven both up and down by a double acting hydraulic ram ensuring a positive action at all times without reliance on gravity for operation. The hydraulic power unit (HPU) is positioned locally within an externally rated cabinet and an emergency fast raise operation option is also available, along with other specific client requirements.

A Hostile Vehicle Mitigation (HVM) solution providing protection to sites from Vehicle Borne Improvised Explosive Device (VBIED) attack.

Developed and manufactured by engineers with significant experience in the fields of high security and access control, the RB780CR K4 is a highly dependable security product and is an ideal and cost-effective product to protect high security establishments and critical infrastructure.

The RB780CR K4 road blocker comes with a pushbutton control as standard. However, it can be customised to interface with a wide range of access control equipment to suit specific customer requirements. Available configurations include (but are not limited to) inductive loop systems, card readers, communication equipment and manned guard emergency systems.

Hostile Vehicle Mitigation

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RB780CR K4 Road Blocker

SPECIFICATION

Physical Dimensions:	HPU Cabinet - 935mm W x 660mm D x 1295mm H 2m Road Blocker - 2510mm W x 1770mm D x 1000mm H Blocker widths available 2-6 metres in 500mm increments
Basic Power Requirements:	3-Phase 415V AC, 50Hz, (other voltages are available)
Control Voltage:	S.E.L.V 24v
Performance:	Loading 30 Tonnes
Vehicle Test Weight:	7650kg / 16800 lb
Test Classification:	Department of State SD-STD-2.01 revision A K4/L3 ~ ASTM 2656 M30/P1 Penetration: 500mm
Tested Model:	800mmHx2.0mW
Speed of operation:	6 second to raise or lower (other speeds available)
Emergency Fast Raise:	<1.5 seconds to raise (option)
Operating temperature range available (option):	-25°C - +70°C
Construction:	The supporting framework is constructed from fully welded, heavy gauge, high strength, structural steels completely encased with steel sheets to provide a self-shuttered module. Sub-surface fixing points ensure the blocker is completely secured to its foundation.

Features

- Physically impact tested
- Manufactured from heavy gauge materials
- Manual hand pump facility
- Programmable logic control system
- 100% duty cycling
- Fully clad base

Benefits

- Confidence in proven performance
- Strength and durability
- Operational under power failure conditions
- Flexibility to interface with all forms of access control
- Reliable and dependable
- Simple to install

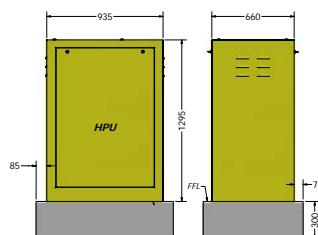
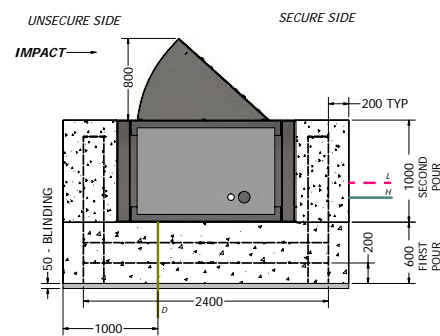
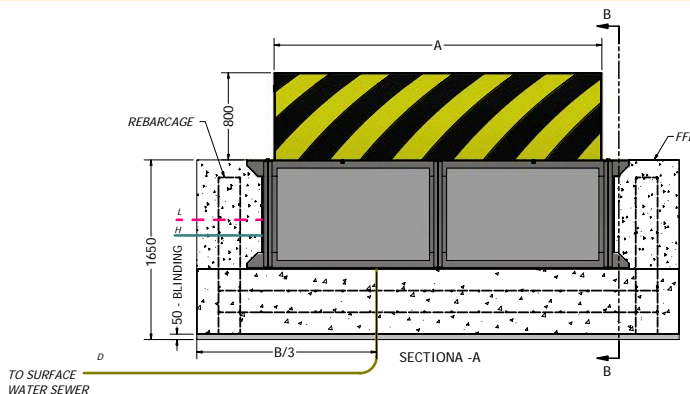


OPTIONS

Where the blockers control point is remote from the installation, we strongly recommend the fitting of a recordable CCTV system, traffic lights and inductive loop systems.

For safety reasons pedestrians, cyclists and motorcycles are advised not to use a blocker controlled roadway, additional safety measures can be incorporated into the blocker system if required.

- Emergency fast raise system
- Emergency buttons with lock down
- Accumulator systems for hydraulic operation in power failure conditions
- Access and intercom systems
- UPS backup for the electrical system
- Inductive loop systems
- Interlocking systems to give air-lock type protection on sites with higher threat levels
- Traffic lights and back-indications systems
- Integral inset warning lights in blocking segment



RB780CR ROAD BLOCKER		
A	B	C
2m	3430	2510
2.5m	3930	3010
3m	4430	3510
3.5m	4930	4010
4m	5430	4510
4.5m	5930	5010
5m	6430	5510
5.5m	6930	6010
6m	7430	6510

ALL CONCRETE TO BE GRADE C35