

Avon RB1000CR Centurion Road Blocker



Avon RB1000CR Centurion Road Blocker provides a high level of security against unauthorised vehicle access.

The blocker has a 1000mm high blocking segment and is designed as a Hostile Vehicle Mitigation (HVM) solution providing protection to sites from extreme Vehicle Borne Improvised Explosive Device (VBIED) attack.

Physically impact tested in accordance with the US standard ASTM F2656-07 by the Motor Industry Research Association (Horiba MIRA), achieving an M50 P1 rating and remaining operational after impact.

Developed and manufactured by engineers with significant experience in the fields of physical security and vehicle access control, it is a highly dependable security product that will easily interface with a wide range of control equipment.

Assembled in our fabrication facilities using heavy gauge materials to give maximum strength and durability, the RB1000CR Road Blocker is an ideal product to protect high security establishments, iconic buildings and critical infrastructure.

The road blocker comes with a push-button control as standard, however it can be customised to interface with a wide range of access control equipment to suit specific customer requirements (available as options).

The blocker is also available as an optional HCIS Road Blocker specifically designed to comply with the Kingdom of Saudi Arabia's (KSA) Ministry of Interior, HCIS Security Directives Sec 06 4.3.3 for crash barriers.

Hostile Vehicle Mitigation

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RB1000CR Road Blocker

SPECIFICATION

Physical Dimensions:	3m Road Blocker - 3508mm W x 2015mm D x 1280mm H Raised height of blocking segment 1 metre Blocker widths available 2-5 metres in 500mm increments
Basic Power Requirements:	3-Phase 380/415V AC, 50/60Hz
Control Voltage:	S.E.LV 24v
Performance:	Loading 30 Tonnes
Full ASTM Classification:	ASTM F2656-07 M50 P1
Tested Model:	3 Metre blocking segment 1m high blocking segment (raised)
Speed of operation:	6 second to raise or lower (other speeds available)
Emergency Fast Raise:	<1.5 seconds to raise Emergency Fast Operation (EFO)
Operating temperature range available (option):	-25°C - +70°C
Operating humidity range available (option):	5% to 100% (non condensing)
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. It is constructed from steel that complies with ASTM A514/517* *Or European equivalent EN standards.

Features

- Physically impact tested ASTM F2656-07 M50 P1
- 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

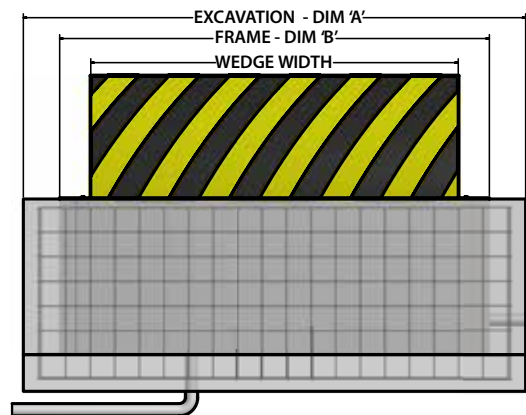
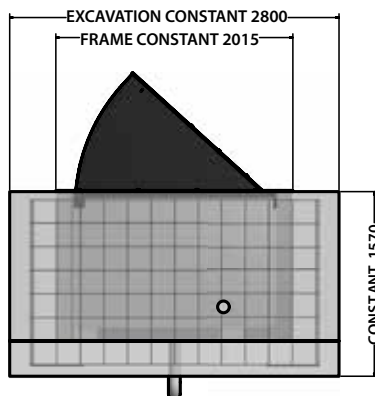


OPTIONS

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.

- Fully Compliant HCIS Road Blocker
- 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



RB1000CR ASTM ROAD BLOCKER WIDTH OPTIONS		
WEDGE WIDTH	DIM 'A'	DIM 'B'
2M	3100	2508
3M	4100	3508
4M	5100	4508
5M	6100	5508