



**Avon Barrier**

## 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 (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.

### 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

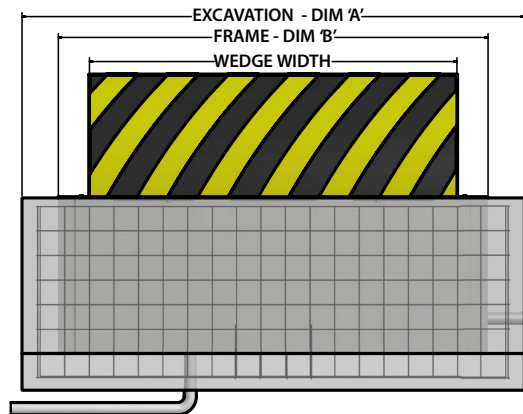
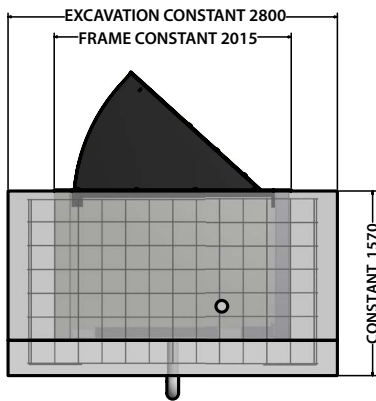
### Benefits

- 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

**Hostile Vehicle Mitigation**

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# Technical Specification RB1000CR Blocker



RB1000CR ASTM ROAD BLOCKER WIDTH OPTIONS		
WEDGE WIDTH	DIM 'A'	DIM 'B'
2M	3100	2508
3M	4100	3508
4M	5100	4508
5M	6100	5508
6M	7100	6508

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.



## Technical Details

Physical Dimensions:	3m Road Blocker - 3508mm W x 2015mm D x 1280mm H Blocker widths available 2-6 metres in 500mm increments	Raised height of blocking segment 1 metre
Basic Power Requirements:	3-Phase 380/415V AC, 50/60Hz	
Control Voltage:	S.E.L.V 24v	
Performance:	Loading 30 Tonnes	
ASTM Classification:	ASTM F2656-07 M50 P1	
Tested Model:	3 Metre blocking segment 1m high blocking segment (raised)	
Speed of Operation:	6 Seconds to raise or lower (alternative speeds available as option)	
Emergency Fast Raise (option):	<1.5 seconds to raise Emergency Fast Operation (EFO)	
Operating temperature ranges available (option):	-25°C - +75°C (variables available as options)	
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.	

## Options Available

- Fully compliant HCIS road blocker
- Emergency fast raise system
- Emergency buttons with lock down
- LPS 1175 cabinets available for HPU
- Speed of operation 3-5 Seconds
- Access and intercom systems
- UPS backup for the electrical system
- Interlocking systems to give air-lock type protection on sites with higher threat levels
- Operating temperatures & environments
- Inductive loop systems
- Traffic lights and back-indications systems
- Integral inset warning lights in blocking segment
- Accumulator systems (fail secure) for hydraulic operation in power failure conditions

Where the blockers control point is remote from the installation, we strongly recommend the fitting of a recordable CCTV system.

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.



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Avon Barrier reserve the right to change or amend the specification of its products from time to time in furtherance of its policy of continued improvements.

Ref Avon RB1000CR Centurion Road Blocker version 3 12\_16

