



Avon Barrier

Avon SG1100CR Armoured Vehicle Gate



The Avon SG1100CR High Impact Sliding Armoured Vehicle Gate provides a high level of security against unauthorised vehicle access.

Designed to withstand substantial direct impact forces the gate is used to protect sites from extreme aggressive attacks while maintaining a pedestrian secure environment.

Manufactured by engineers with a wealth of experience in the fields of Hostile Vehicle Mitigation (HVM) solutions, the SG1100CR is a highly dependable security product.

The SG1100CR gate has been independently physically tested in a number of full scale crash tests conducted in accordance with PAS 68 by MIRA and the Transport Research Laboratory (TRL).

The gate is available in range of gate heights, clear widths and infill types to be provided. Foundation depths are from 500mm subject to gate design.

With an experienced system design capability along with a worldwide installation, service and maintenance capability, we are able to provide a swift and efficient solution to all your high security requirements.

Features

- Physically impact tested to PAS 68 criteria
- Manufactured from heavy gauge materials
- Variable height and clear widths
- Manual operating override facility
- High quality coating system (minimum galvanised)
- Shallow mounting less than 500mm overall depth
- Hold to run operation

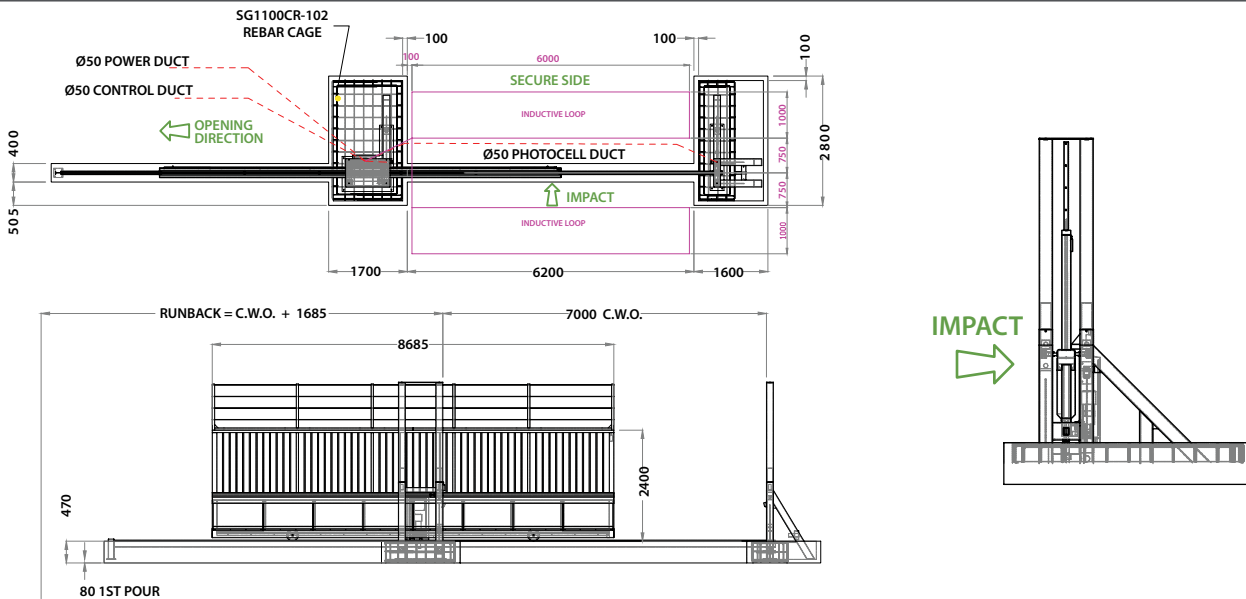
Benefits

- Confidence in proven performance
- Strength and durability
- Flexibility to suit site requirements
- Operational under power failure conditions
- Reliable and dependable
- Overcomes site depth restrictions
- Safe operation

Hostile Vehicle Mitigation

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Technical Specification SG1100CR Armoured Vehicle Gate



The gate comes with a hold to run 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 panic systems.



Technical Details

Physical Dimensions:	Standard gate height 2400mm - additional razor wire/cladding can be added for additional height Standard sizes - clear width openings/gap of 5m, 6m and 7m (500mm increments) Bespoke sizes available on request, subject to conditions, contact our sales department for advice
Basic Power Requirements:	Subject to gate size and construction
Impact Absorption:	1189KJ
Full PAS68 Classification:	V/7500(N2)/64/90:0.0/0.0
Speed of Operation:	5.7 seconds per metre (optional high speed operation 2 second per metre is available)
Tested Model:	Sliding gate with clear opening gap of 7000mm and a height of 2400mm + 1000mm sacrificial razor wire topping = total overall height of 3400mm and foundation depth of 470mm
Operating temperature range available:	-25°C - +70°C
Construction:	The framework is constructed from fully welded, heavy gauge, steel structures and hi-tensile structural steel.

Options Available

Where the gate control point is remote from the installation, we strongly recommend the fitting of safety systems, recordable CCTV system and traffic lights.

Please note this is a specialist high security product and is designed for use with vehicles only and a full site risk assessment must be carried out at design stage to ensure all relevant safety systems are included.

- 2 second per metre high speed operation
- Access and intercom systems
- Safety edges, safety beams & laser scanners
- Emergency buttons with lock down
- UPS backup for the electrical system
- Traffic lights and back-indications systems
- Inductive loop detectors
- Ballistic resistant cladding
- Infill panels, serrated / barbed wire toppings



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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 SG1100CR Armoured Vehicle Gate version 3 5_15

