



**Avon Barrier Company Ltd**

**Avon  
SG1500CR  
High Impact  
Sliding  
Armoured  
Vehicle Gate**



## **SG1500CR High Impact Sliding Armoured Vehicle Gate**

**The Avon SG1500CR 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 will protect sites from extreme aggressive attacks.**

Developed and manufactured by engineers with significant experience in the fields of High Security and Access Control, the gate is a highly dependable security product.

The Gate incorporates a full impact resistant system which enables a wide range of gate heights, clear widths and infill to be provided. Foundation depths are from under 500mm subject to gate design.

The SG1500CR gate has been independently **physically tested** in a number of full scale crash tests conducted in accordance with PAS 68 by the Transport Research Laboratory (TRL). It has also been tested to the US ASTM F 2656 (supercedes DoS SD-STD-02.01).

The PAS 68 impact test used a weighted 7,500kg European Truck travelling at 80kph with zero penetration. The ASTM F 2656 uses a 15,000lb US Truck travelling at 50 mph.

**Please note** this is a specialist high security product and is designed for use with vehicles only.

### **Features**

- Physically impact tested PAS 68 and ASTM F 2656 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

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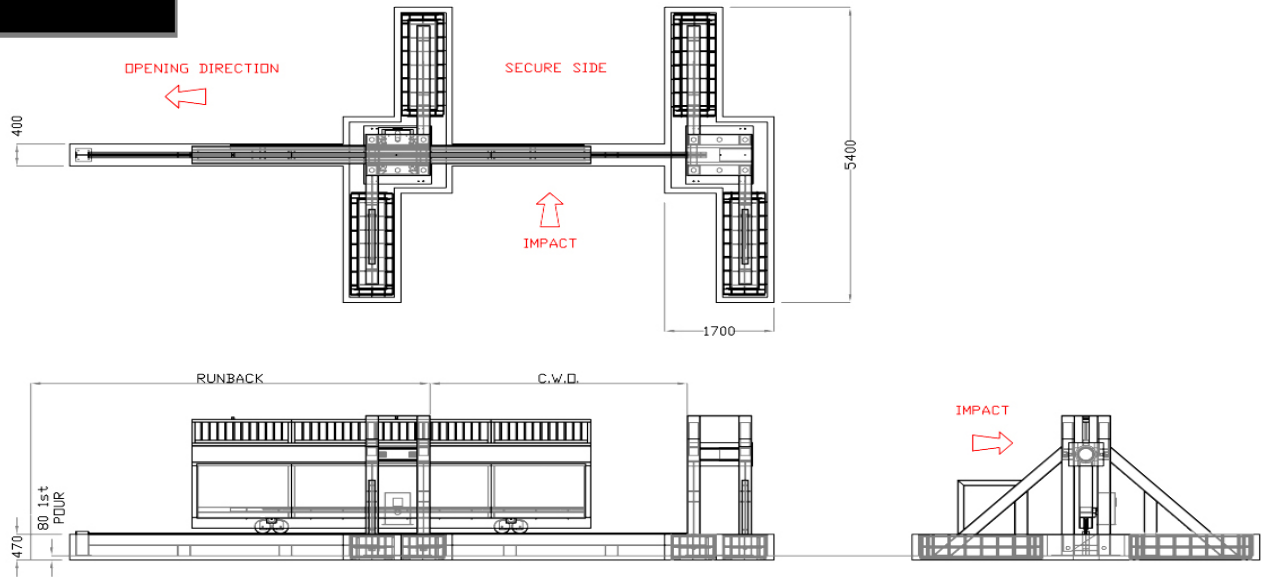
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# SG1500CR

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# Technical Specification



## SG1500CR High Impact Sliding 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 as options) and any configuration including (but not limited to) inductive loop systems, card readers, communication equipment and manned guard panic systems can be accommodated.

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** that a full site risk assessment must be carried out at design stage to ensure all relevant safety systems are included.

### Options available

- Emergency buttons with lock down
- Safety Beams
- Safety Edges
- Laser Scanners
- Inductive loop systems
- Traffic lights and back-indication system
- Serrated / Barbed Wire toppings
- Matching infill panels

## Technical Details

**Physical Dimensions:** To suit site requirements

**Power requirements:** Subject to gate size and construction

**Full PAS 68 Classification:**  
V/7500(N2)/80/90:0/1.0 & V/7500/80/90:0/0 (4x4 pickup truck)  
ASTM F2656-07 TEST M50-P1 RATING

**Impact absorption:** 1852KJ

**Construction:** The framework is constructed from fully welded, heavy gauge, steel angle and box section and hi-tensile structural steel.



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

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