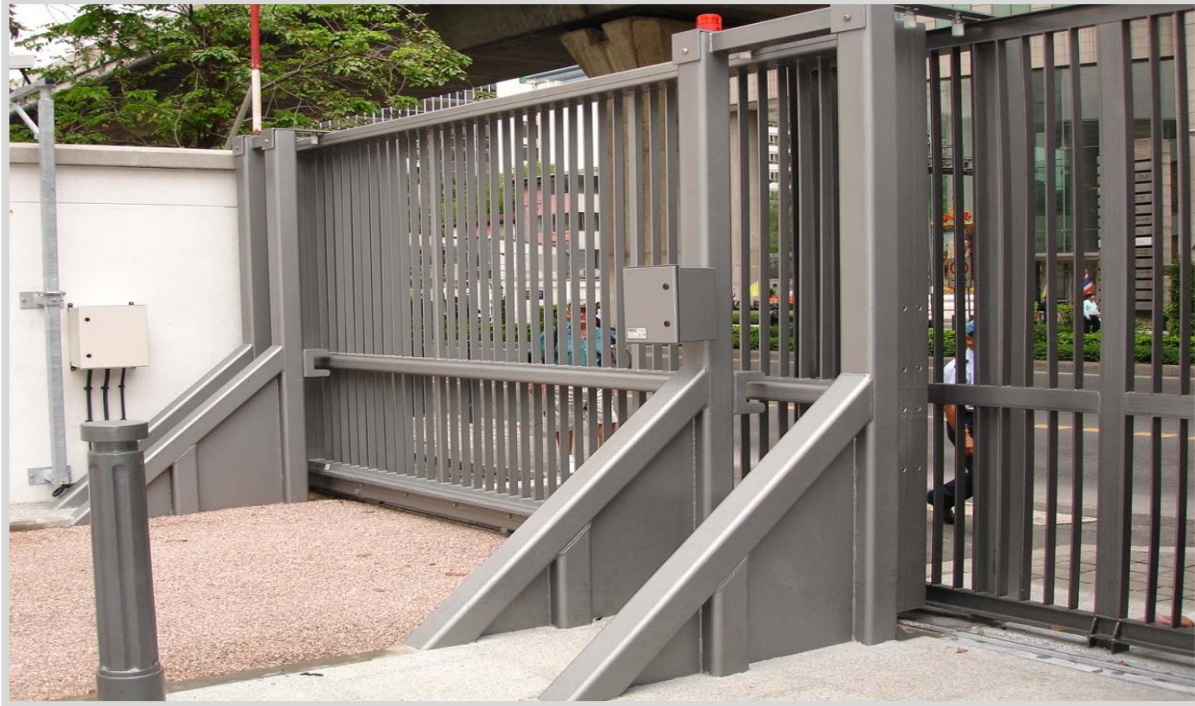




**Avon Barrier Company Ltd**

**Avon  
SG1100CR  
High Impact  
Sliding  
Armoured  
Vehicle Gate**



## **SG1100CR High Impact Sliding 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 High Security and Access Control, 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 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.

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

### **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

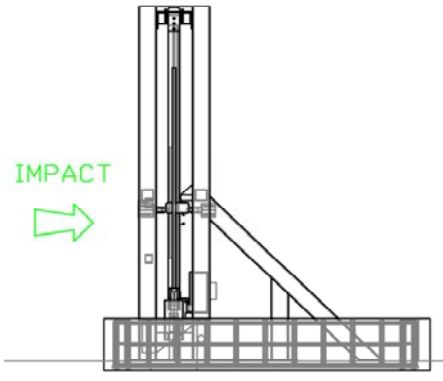
**Avon Barrier  
Company Ltd**  
191-195 South Liberty Lane  
Ashton Vale Trading Estate  
Bristol BS3 2TN UK

TEL +44 (0)117 953 5252  
Fax +44 (0)117 953 5373  
Email  
sales@avon-barrier.com  
www.avon-barrier.com

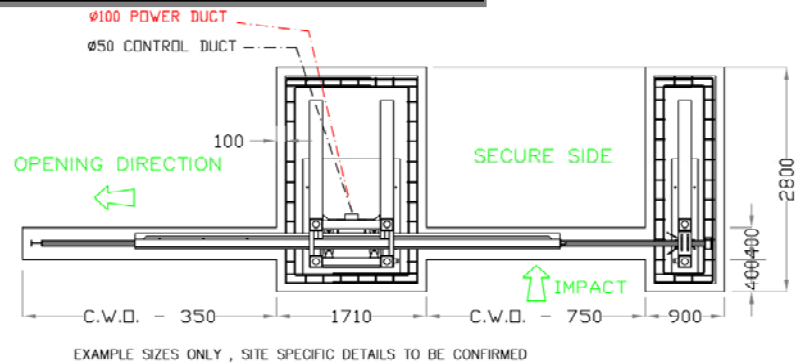


# SG1100CR

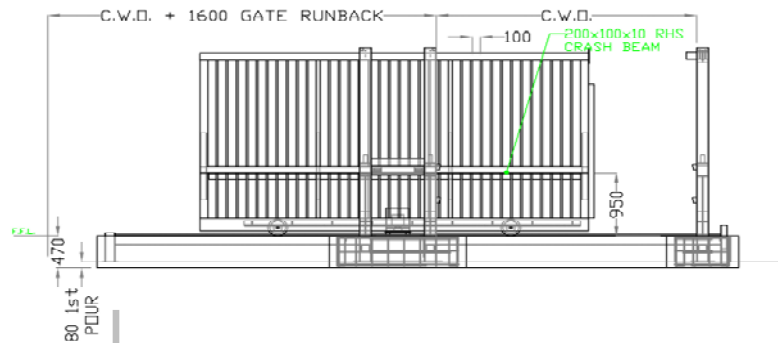
## Avon High Impact Sliding Armoured Vehicle Gate



# Technical Specification



EXAMPLE SIZES ONLY , SITE SPECIFIC DETAILS TO BE CONFIRMED



## SG1100CR 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
- 2 Seconds per metre high speed operation available
- Safety Beams
- Safety Edges
- Laser Scanners
- Inductive loop systems
- Traffic lights and back-indication system
- Serrated / Barbed Wire toppings
- Matching infill panels

### Technical Details

**Standard Speed of Operation:** 5.7seconds per metre  
**(optional High Speed Operation 2 Sec per metre is available)**

**Physical Dimensions:** To suit site requirements

### Full PAS 68 Classification:

V/7500(N2)/64/90:0.0/0.0

### Model Tested

Sliding gate with clear opening gap of 7.0m and a height of 3.4m and foundation depth of 0.47m

**Power requirements:** Subject to gate size and construction  
**Impact absorption:** 1189KJ

**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.

REF ABC/ SG1100CR High Impact Sliding Armoured Vehicle Gate/Version1.3.9/2011



### Avon Barrier Company Ltd

191-195 South Liberty Lane  
Ashton Vale Trading Estate Bristol BS3 2TN UK  
Tel +44 (0)117 9535 252  
Fax +44 (0)117 9535 373  
Email [sales@avon-barrier.com](mailto:sales@avon-barrier.com)  
Website [www.avon-barrier.com](http://www.avon-barrier.com)