

# 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 Horiba 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.

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

# SG1100CR Vehicle Gate

## SPECIFICATION

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
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
Speed of operation:	5.7 seconds per metre (optional high speed operation 2 second per metre is available)
Operating temperature range available:	-25°C - +70°C (option)
Construction:	The framework is constructed from fully welded, heavy gauge, steel structures and hi-tensile structural steel.



## OPTIONS

Where the gate control point is remote from the installation, we strongly recommend the fitting of a safety systems, recordable CCTV system, 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
- Infill Panels, serrated / barbed wire toppings
- Emergency buttons with lock down
- Inductive loop detectors
- Access and intercom systems
- UPS backup for the electrical system
- Traffic lights and back-indications systems
- Laser Scanners
- Safety edges, Safety beams
- Ballistic resistant cladding

## Features

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

## Benefits

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

