



Avon Barrier Company Ltd

(90.3)



The Avon RB880CR Defender High Security Road Blocker (HSRB) provides a high level of security against unauthorised vehicle access. Designed to withstand substantial direct impact forces whilst avoiding the need for deep foundations, the Blocker protects sites with shallow underground services from aggressive vehicle attack.

Designed and manufactured by engineers with a wealth of experience in the fields of high security and access control, the RB880CR Defender is a highly dependable security product.

With foundation depths from **only 300mm deep** the RB880CR is ideal for use where the installation of conventional road blocker/bollard foundations would interfere with existing underground services.

An experienced system design capability along with a worldwide installation, service and maintenance capability, enable us to provide a swift and efficient solution to all your high security requirements.

KEY FEATURES

- Shallow foundation depths from as little as 300mm total depth
Physically crash tested to exceed DoS and British Standards
Manufactured from heavy gauge materials
Substantial 1000mm raise height
Manual operating override facility
Anti-burst valves (may be omitted if required)
High quality coating system
Modular hydraulic/electronic construction

BENEFITS

- Provides protection to entrance/exits with shallow underground services
Proven to withstand large vehicle impact and be fully operational after impact
Reliability (100% duty cycling)
Zero site penetration to DoS K12 Impact
Operation in power failure conditions
Protection against hose sabotage
Durability
Service spares availability - ease of replacement

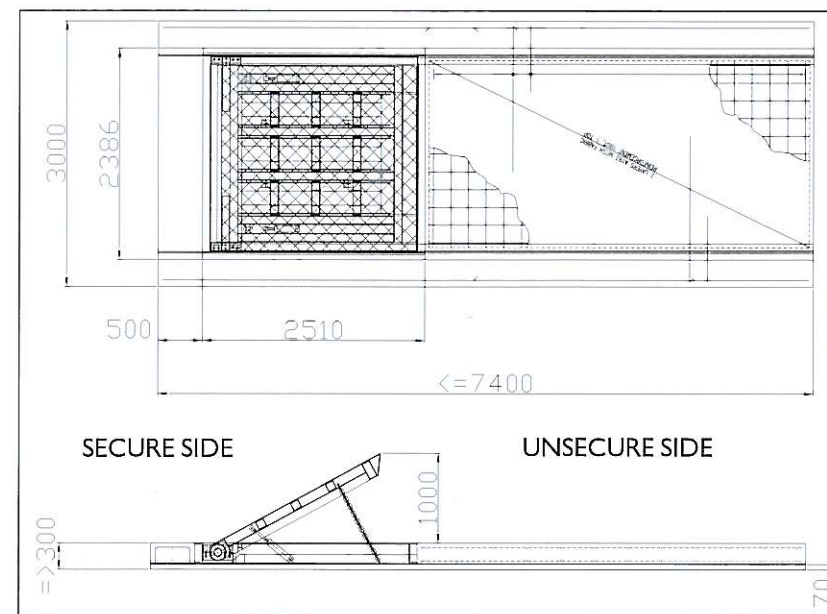
Avon RB880CR High Security Road Blocker

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Technical Specification

Avon RB88CR High Security Road Blocker



Illustrative only

Standard Controls - Push button to raise/stop/lower, with 'emergency secure site button'

OPTIONAL EXTRAS

- Access Control: Card/Proximity Reader, Keypad/Keyswitch, Radio Transmitter, Inductive Loops/Infra Red, Intercom - audio/visual
Safety Equipment: Traffic Lights, Inset Warning Lights, Photo-Electric Cell, Inductive Loop
Status: Back indication
Emergency: Power failure backup (UPS/Accumulator), Fast raise circuit

IMPACT RATING

Impact absorption 7500 Kg at 80 kph, fully crash tested to exceed DoS Standard K12-L3.

Zero site penetration with test vehicle destroyed.



The Avon RB880CR Defender High Security Road Blocker is available in 2m widths; the blocking segment has a raise height of 1000mm to ensure that vehicle penetration during attack is kept well within the DoS/British minimum standard requirement for both US and European manufactured vehicles.

The heavy-duty top plate is provided with removable access covers to enable safe access to the control mechanisms for efficient installation/servicing. The road blocker top plate is located within a steel base section, which in turn is linked to support beams, which run either side of the base section for added structural stability. A secure access chamber is provided at the front of the unit to route the interconnecting control cables and hydraulic hoses between the road blocker and its Hydraulic Power Unit (HPU).

The blocker is operated by hydraulic actuators/s each with a 20 tonne mechanical lifting weight as well as anti-burst valves to protect against hose sabotage (may be omitted if required). The Hydraulic Power Unit (HPU) contains the hydraulic and electronic control equipment housed in an externally rated cabinet to be positioned locally or remotely to the blocker unit.

On installation the entire blocker enclosure is encased in concrete in accordance with our specific installation instructions.

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 product improvements.

Agent's Stamp

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