



ROAD BLOCKER

RB680 Road Blocker

The Avon RB680 Road Blocker comes in a variety of widths to suit specific site requirements, with a blocking segment height of 350mm and provides an effective method of security controlling vehicle access to restricted areas.

The blocker is constructed from heavy welded steel section to provide sufficient strength to exceed British axle loads.

The heavy duty Dubar top plate is coated with safety markings, with removable access to covers to enable efficient installation and servicing.

The blocker is operated by hydraulic ram with the power unit (HPU) positioned locally in an external cabinet. The blocker mechanism is encased in a sheet steel enclosure and has access points for onward connection to ducting for hydraulic hoses and control cables.

On installation the entire enclosure is encased by concrete with construction being subject to site ground conditions.

The power requirement is dependent upon the duty cycling requirement, number and size of blockers to be driven by the power pack.

The blocker comes with a push-button control as standard, however it can be customised to interface with wide range of access control equipment, to suit specific customer requirement (available as options) and any configuration including (but not limited to) inductive loop systems, card readers, communication equipment and manned guard emergency systems can be accommodated.



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PRODUCT SPECIFICATION

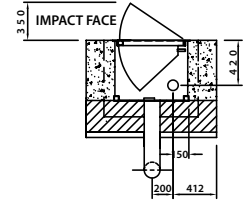
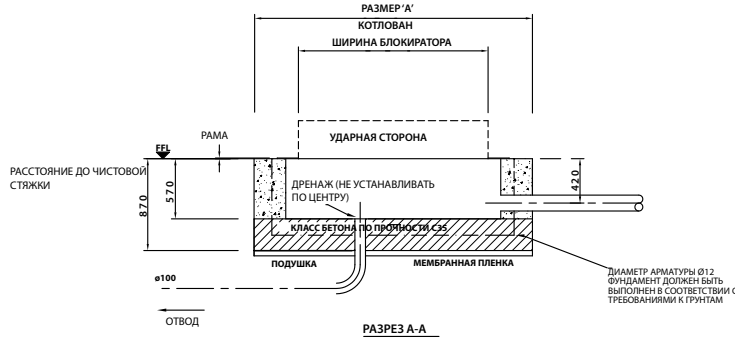


FIRST POUR, PRE BLOCKER INSTALLATION



SECOND POUR, POST BLOCKER INSTALLATION

WEDGE WIDTH	DIMENSION 'A'
2M	2630
2.5M	3130
3M	3630
3.5M	4130
4M	4630



SECTION B - B

FEATURES

- » Manufactured from heavy gauge materials
- » Manual hand pump facility
- » Programmable logic control system
- » 100% duty cycling
- » Fully clad base

BENEFITS

- » Comprehensive understanding of attack resistance
- » Protection from multi-direction impact approach
- » Confidence in proven performance
- » Strong and durable
- » Operational under power failure conditions
- » Flexibility to interface with all forms of access control
- » Reliable and dependable
- » Simple to install

Physical Dimensions of 2m Road Blocker (Single):

W - 2135mm | D - 735mm | H - 570mm (350mm H Raised)

Physical Dimensions of HPU Cabinet (Single):

W - 640/940mm | D - 670mm | H - 1300mm

Basic Power Requirements:

3-Phase 415v AC, 50Hz, (other voltages are available)

Control Voltage:

S.E.L.V 24v

Performance:

Loading 20 Tonnes

Construction

The supporting framework is constructed from fully welded, heavy gauge structural steels completely encased with steel sheets to provide a shelf-shuttered module. Sub-surface fixing points ensure the blocker is completely secured to its foundation.

Operating temperature range available:

-25 - +70

OPTIONS AVAILABLE

- » Emergency fast raise system
- » Emergency buttons with lock down
- » LPS 1175 cabinets available for HPU
- » Access and intercom systems
- » UPS backup for the electrical system
- » Alternative operating temperatures & environments
- » Interlocking systems to give air-lock type protection on sites with higher threat levels
- » Inductive loop systems
- » Traffic lights and back-indications systems
- » Integral inset warning lights in blocking segment
- » Accumulator systems (fail secure) for hydraulic operation in power failure conditions



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Avon Barrier reserve the right to change or amend the specification of its products.

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