

Vulcan RCS



Description

The impact tested Vulcan RCS Cantilever Sliding Gate has the widest span available in the perimeter protection market. With a 10metre clear opening, the product is tested to both PAS 68 & IWA 14-1. The Vulcan RCS Gate will stop a 7,500kg vehicle travelling at 64kph (40mph), impressively arresting the vehicle in just 4.5m.

The design is based on SlideGuard Pro, our LPS 1175 accredited cantilever and is being submitted for complete testing under LPS 1175 in the coming months.

The aluminum construction makes this gate lightweight enabling it to run smoothly without the need for a track, and uses the same components that are on thousands of gates, having completed millions of operating cycles. This really illustrates our commitment to producing a smooth, reliable gate.

By working with our sister companies within HS Security, we have been able to create a really neat, elegant solution, which brings together a proven base product from Parking Facilities, Barkers forced entry tested cantilever & tried and tested shallow mount foundation technology from ATG Access.

Vulcan RCS locks with a physical pin to secure the gate. The 3 phase motor with an in-built inverter makes for smooth operation as it maintains absolute control during movement. This allows the gate to slow down as it enters the post and the pin engages.

As a safety precaution, dual height photocells, CAT 3 safety edges and an emergency stop button are fitted as standard.

Together, these safety devices reduce the risk of entrapments, crushing and shearing, ensuring compliance with British Standards. And of course the gate can be powered by a battery or manually operated to maintain security in the event of a power outage.

Vulcan RCS Key Features

- Accredited by PAS68 and IWA-14
- Trackless
- Shallow 450mm foundations
- Can be compact for easy transportation
- Secure pin locking mechanism
- Easy to service
- Smooth and reliable movement
- Complies with BS EN 12453
- Programmable control panel with on screen fault diagnostics
- Designed and built to last

Impact Test Classification

PAS68:2013 Gate V/7500(N2)/64/90:4.5/13.1
IWA14-1:2013 Gate V/7200[N2A]/64/90:4.7

Specification

Forced entry & impact tested, trackless cantilever gate

Material

Gate Leaf & Frame: Aluminium & Polyester Powder Coated
 Infill: Hot Dip Galvanised, Mild Steel & Polyester Powder Coated

Power

240 Volt Single Phase 50Hz, Recommended with either a 10A MCB or a 300mA RCD Type C Breaker.

Standard Foundations (mm)

450mm minimum depth

Operating speed

Up to 250mm per Second Depending on Infill

Controls

Key Switch or Access Control

Post Dimensions

Drive Tower: 655 x 365 mm
 Catch Post: 530 x 520 mm

Standard Safety Devices

Safety Edges & Light Beam

Duty Cycle:

100%

Power Failure

Fail Secure

Manual Override:

Deadman Switch



Infill Options

Non-Forced Entry Rated

Tubular Bar, Twin Wire or VGuard

Max width:
 10m at 2.4m high
 8.19m at 3.0m high

SecureGuard 358 mesh with clips

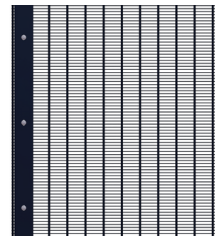
Max width:
 9.69m at 2.4m high
 8.19m at 3.0m high

LPS 1175: Issue 8 A1 Rated



TwinGuard SL1

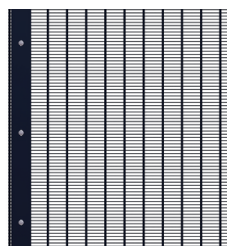
Max width:
 9.69m at 2.4m high
 8.19m at 3.0m high



SecureGuard SL1

Max width:
 8.94m at 2.4m high
 8.19m at 3.0m high

LPS 1175: Issue 8 B3 Rated



SecureGuard SL2X

Max width:
 8.19m at 2.4m high
 7.065m at 3.0m high



StronGuard SL2

Max width:
 6.315m at 2.4m high
 5.19m at 3.0m high



Classifications

Product	Vehicle Weight	Vehicle Type	Test Speed (Kph)	Impact Angle (°c)	Penetration (m)	Debris (m)
Vulcan RCS: V/7500(N2)/64/90:4.5/13.1	7,500	N2	64	90	4.5	13.1

Rated as an 10m clear opening.