

SlideGuard RCS

Description

SlideGuard RCS is an impact tested, automatic cantilever gate accredited by PAS68 to stop a 7.5 tonne. With two versions tested to mitigate the threat of vehicles travelling at 40mph and 50mph.

The gate and locking pin can either be powered electronically or by a hydraulic motor depending on the site requirements. Both maintain a smooth and quiet motion in both directions.

Tested at an 8 metre clear opening, and at 50mph achieved 1.6metres of dynamic penetration. As a safety precaution, a light curtain, 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 EN 12453:200. Additional options include laser safety devices to protect zones. The control panel also has a dual channel loop card, compatible with safety induction loops if required.

In the event of a power cut or fault, the gate can be manually operated. The gate has a powerful PLC with built in diagnostics and programmable inputs and outputs that can provide numerous options depending on client requirements.

Key Features

- Two versions available: 40mph or 50mph
- Trackless
- Smooth and quiet
- Moving at 250mm per second
- Heavy duty cantilever rolling gear
- High quality bearings and rollers
- 8 metre clear opening
- Shot-blasted, primed, and finished with a C4 protective paint coating.
- Can be Hot zinc sprayed with C5 protective paint coated on request.

Accreditations

SlideGuard RCS 40: PAS68:2010
V/7500[N2]/64/90:5.6/10.1

SlideGuard RCS 50: PAS68:2010
V/7500[N3]/80/90:1.6/5.4



Classifications

Product	Vehicle Weight	Vehicle Type	Test Speed (Kph)	Impact Angle (°c)	Penetration (m)	Debris (m)
SlideGuard RCS (40mph): V/7500[N2]/64/90:5.6/10.1	7,500	N2	64	90	5.6	10.1
SlideGuard RCS (50mph): V/7500[N3]/80/90:1.6/5.4	7,500	N3	80	90	1.6	5.4

Rated as an 8m clear opening.

Specifications

Material	Power	Standard Foundation Depth	Operating Speed	Opening
Mild steel, shot-blasted, primed, and finished with a C4 protective paint coating.	240Volt 50 Hz 16Amp	380mm (for both versions)	250mm/sec	Up to 8 metres

*Gate servicing recommended twice per annum