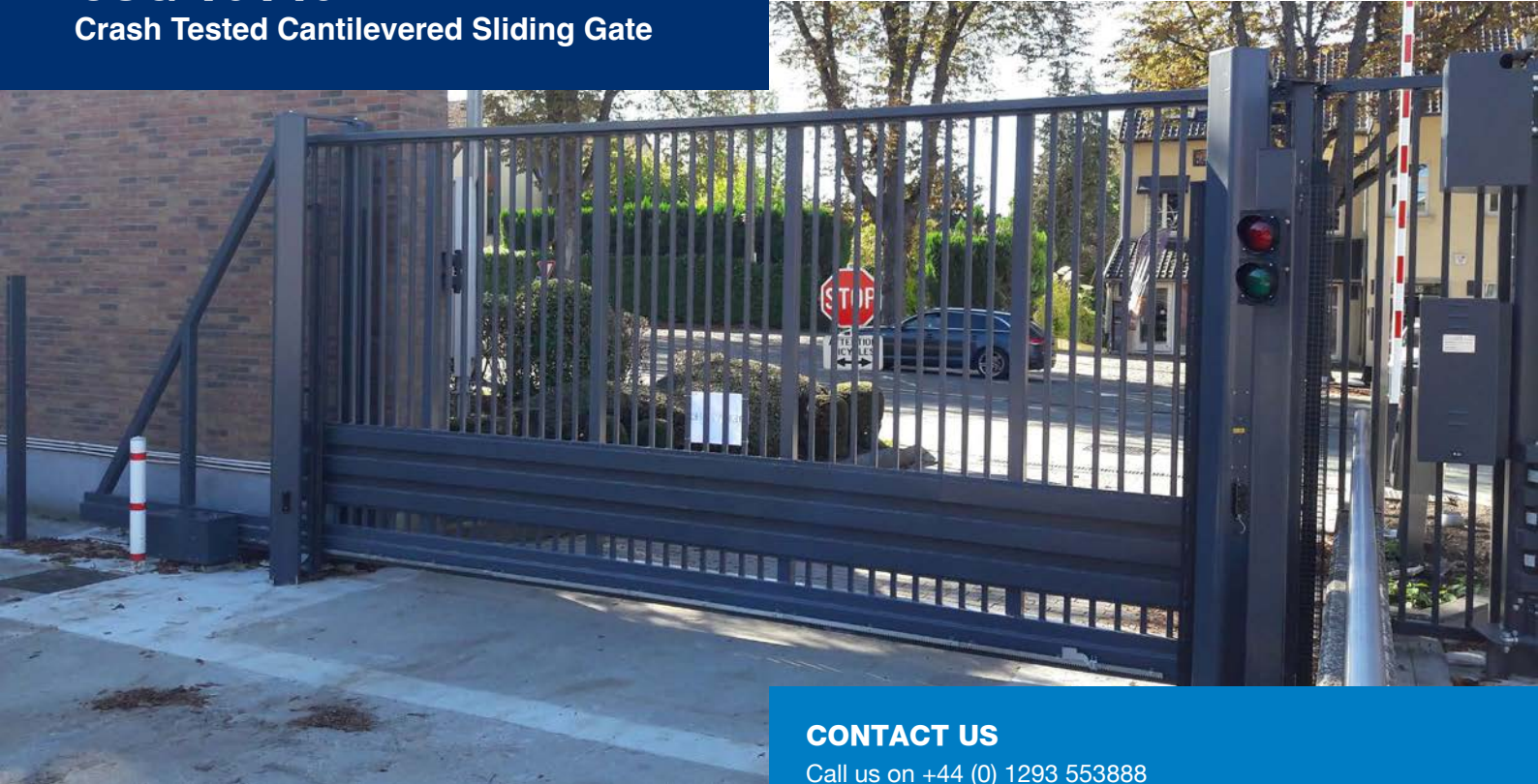


CSG 10140

Crash Tested Cantilevered Sliding Gate



PRODUCT OVERVIEW

The CSG 10140 is designed to prevent a 7.5 tonne vehicle-borne terrorist/ram-raid threat at 40mph (64kmh).

Constructed from regular steel section, rather than large and unsightly heavy weight materials. This gate design can be aesthetically blended into the building or perimeter line, enabling hostile vehicle mitigation.

The standard material reduces production costs, offering an effective crash tested solution at a comparatively low cost when evaluated against other available products.

The CSG 10140 requires a foundation depth of only 400mm, ideally suited to shallow and/or utility congested substructure.

The product is able to accept most architectural enhancement over and above its standard construction; therefore it lends itself to the continuation of any high security fencing specification, powered fence, or security toppings across the normally vulnerable vehicular entrance to site.

CONTACT US

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PAS 68 CRASH TESTING

(European Patent No 2369126)

Test Rating:

3m wide: PAS 68: 2010 V/7500[N2]/64/90:1.7/0.0*

5m wide: PAS 68: 2010 V/7500[N2]/64/90:2.0/0.0*

8m wide: PAS 68: 2010 V/7500[N2]/64/90:3.0/0.0*

RESULTS TABLE	3m Wide	5m Wide	8m Wide
Vehicle Test Weight:	7500kg	7500kg	7500kg
Vehicle Class:	N2	N2	N2
Vehicle Speed mp/h:	40	40	40
Vehicle Speed km/h:	64	64	64
Vehicle Angle:	90	90	90
Vehicle Penetration:	1.7	2.0	3.0
Dispersion Distance:	0.0	0.0	0.0

DIMENSIONS

Gate can be supplied to suit a maximum opening of 8000mm. Height of gate to suit fence line: standard heights 1800mm – 3000mm, higher if required.

CONSTRUCTION

Gate structure is manufactured from mild steel sections and proprietary folded track

Infill typically vertical bar utilising 30mm RHS, a range of other options are available including palisade, bar configuration and mesh.

OPERATING SPEED

Enhanced Drive: 300mm/sec

Speed of operation of the gate is dependant on the gate size, infill, site location and force limitation safety requirements.

CONTROL

- CSG's in-house manufactured enhanced drive unit
- PLC based control system
- Operational Usage: 80% duty cycle

SAFETY

- Photocells
- CAT3 Safety Edge System

Designed to meet BS-EN13241-1 for installation, testing and ongoing compliance of automatic gate and door systems appropriate to location, usage and operational requirements.

Additional safety devices such as vehicle detection road loops and laser scanners may be required.

FINISH

- Shot blast to SA 2.5
- Primed: Either galvanised or zinc primer @60µm.
- Topcoat: Polyester top coat @60µm to a specific RAL No.

ELECTRICAL SUPPLY

Mains Supply: 230V 50Hz single phase rated @ 10 Amp



If required, please contact CSG for a bespoke solution.

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