

CSG 10900 Series
Manual Crash Tested Barrier - Miti-Gate®



CONTACT US

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PRODUCT OVERVIEW

This product has been developed and designed as an alternative, economical PAS 68 crash rated manual barrier for locations that have infrequent vehicular throughput, yet still require protection from a vehicle borne threat, ie; emergency vehicle access.

This product requires minimal civil work due to hinge and receptor posts only requiring 215mm foundation depth.

With clear width availability of up to 10 metres utilising a double leaf format, the Miti-Gate® is by far the most cost effective, simple, PAS 68 compliant solution currently available.

The Miti-Gate® lends itself to any site location where a vehicle borne threat exists, infrequent vehicular access is required, and pedestrian permeability is to be maintained. This product is a versatile manual barrier that can be hinged, bi-parting or removable, which offers the client a variety of options.

PAS 68 CRASH TESTING

CSG 10930 (Double Leaf) Test Rating:

PAS 68:2010 V/7500[N2]/48/90:2.5/0.0 tested at 10.8m

CSG 10940 (Single Leaf) Test Rating:

PAS 68:2010 V/7500[N2]/64/90:3.0/0.0 tested at 8.8m

RESULTS TABLE

	30mph	40mph
Vehicle Test Weight:	7500kg	7500kg
Vehicle Class:	N2	N2
Vehicle Speed mp/h:	30	40
Vehicle Speed km/h:	48	64
Vehicle Angle:	90	90
Vehicle Penetration:	2.5	3.0
Dispersion Distance:	0.0	0.0

DIMENSIONS

Maximum Width: 10,000mm
Nominal Height: 1100mm from FFL

CONSTRUCTION

Designed to be mounted between Cova's standard range of crash tested bollards, adapted with hinge and locking pins, the barrier can be hinged or completely removable.

The Miti-Gate® utilises CSG's patented arrestor system (European Patent No 2369126).

SECURITY

The Miti-Gate® can easily be secured in the closed position with a specific padlock which is applied to the hinge pin and locking pin.

FINISH

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

ADVERTISING SPACE

The Miti-Gate® offers a large flat surface, a perfect advertising space. With use of graphics this gate can also be finished to blend with the installed environment.



If required, please contact CSG for a bespoke solution.

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