



## TECHNICAL SPECIFICATION

### CSG 10900 Series

Crash Tested Miti-Gate®  
(European Patent No 2369126)



#### PRODUCT OVERVIEW

The CSG 10900 Series Miti-Gate® 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.

This range will continue to evolve as further applications require an innovative, low visual impact, competitively priced crash tested barrier.

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.

#### CONTACT US

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#### CRASH TESTING

Model 10930 crash tested to 7,500kg (7.5 Tonne) @ 48km/h (30mph).

Test rating: PAS 68:2010 V/7500[N2]/48/90:2.5/0.0 (2 leaf), tested at 10.8m\*

Model 10940 crash tested to 7,500kg (7.5 Tonne) @ 64km/h (40mph).

Test rating: PAS 68:2010 V/7500[N2]/64/90:3.0/0.0, tested at 8.8m\*

\*V/test weight [vehicle class]/speed[kmh]/ angle:penetration/dispersion).

## CONSTRUCTION

- Comprises our patented arrestor system (European Patent No 2369126) within an aluminium enclosure.
- The barrier can be hinged or completely removable.
- Designed to be mounted between Cova's standard range of crash tested bollards, adapted with hinge and locking pins.
- Mounted onto a modified PAS 68 rated CSG 10840 Bollard (see separate data sheet), with a shallow foundation depth of 215mm deep.
- It is possible to mount the Miti-Gate® on to a full depth PAS 68 rated bollard. Foundations to be designed to suit.
- Dependant on site restrictions the Miti Gate® can be installed in one continuous site visit to reduce cost and disruption to access.

## FINISH

Finished in a client specified RAL No. However, given the flexibility of the design, we can discuss other methods of finish. The large plain areas on both faces of the barrier lend themselves to suitable signage or any aesthetic brief to blend with the installed environment.

## 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.



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