

TECHNICAL SPECIFICATION

CSG 10900 Series Crash Tested Miti-Gate®

cova security gates ltd

Invention not Convention



PRODUCT OVERVIEW

The Miti-Gate® series has been developed and designed as an alternative, economical PAS 68: 2010 crash rated manual barrier for locations that have infrequent vehicular throughput, but which still require protection from vehicle borne threat, ie, emergency vehicle access.

Miti-Gate® is far more user friendly than manual lift bollards, and 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, 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.



TALK TO US

We welcome the opportunity to assist our clients, so tell us about your needs. We have the in-house capability to design and create a bespoke solution for you at an extremely cost effective and competitive price.

SPECIFICATION

Available clear widths

Miti-Gate® 10930

Miti-Gate® 10940

Tested to PAS 68:2010 7.5 tonne @ 30mph/48kmh		Tested to PAS 68:2010 7.5 tonne @ 40mph/64kmh	
Leaf	Nominal Opening	Leaf	Nominal Opening
Single**	Up to 7m	Single**	Up to 7.5m
Double*	Up to 10m		
PAS Ratings Miti-Gate® 10930/10940: protection from a 7.5 tonne vehicle at 30mph & 40mph			
* TR1046: V/7500[N2]/48/90:2.5/0.0 (2-leaf), tested at 10.8m		** TR1047: V/7500[N2]/64/90:3.0/0.0, tested at 8.8m	

FOUNDATIONS

Mounted onto a modified PAS rated CSG 10840 Bollard (see separate data sheet), with a shallow foundation of 215mm deep. Designed to be installed in one continuous site visit to reduce cost and disruption to access.

It is also possible to install the Miti-Gate® on to a full depth PAS rated bollard. Foundations to be designed to suit.

CONSTRUCTION

The Miti-Gate® comprises our patented arrestor system within an aluminium enclosure. The barrier can be hinged or completely removable. Miti-Gate® is designed to be mounted between Cova's standard range of crash tested bollards, adapted with a hinge and locking pins.

FINISH

Finished in a client-specified RAL No colour. 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 standard padlock through the hinge or locking pins enabling the leaf to be completely removed if required.

APPLICATIONS

Miti-Gate® lends itself to any site location where vehicle borne threat exists, infrequent vehicular access is required, and pedestrian permeability is to be maintained.



CSG 10900 Series
Crash Tested
Miti-Gate®

3.8.28/Rev1/June2013

Cova Security Gates Limited
C1 Sussex Manor Business Park
Crawley, West Sussex
RH10 9NH United Kingdom

t | +44 (0)12 9355 3888
f | +44 (0)12 9361 1007

e | sales@CovaSecurityGates.com
w | www.CovaSecurityGates.com