

CSG 11840

Crash Tested Full Depth Rising Bollard



PRODUCT OVERVIEW

The CSG 11840 is the first crash tested, hydraulically operated bollard designed and manufactured by Cova Security Gates.

All sub-surface bollard components are easily accessed from above so that installation or routine maintenance can be safely carried out on the road surface.

The bollard has been crash tested with an allowance for 100mm of topping below finished level which is a unique feature and provides a neat finish to the final surface.

The ground socket for this product withstood two crash tests. This would enable a replacement bollard to be installed quickly following a hostile attack, securing the site again against a secondary attack.

ELECTRICAL SUPPLY

Mains Supply: 400V 50Hz three phase rated @ 10 Amp

CONTACT US

Call us on +44 (0) 1293 553888
Email us sales@covasecuritygates.com

OPERATING TIME

Raise Speed: 4 to 6 seconds
Emergency Fast Raise (EFO): 1 to 2 seconds
Lower Speed: Gravity fall

PAS 68 CRASH TESTING

Test Rating: PAS 68: 2010 V7500 (N2)/64/90:1.0/19.4*

RESULTS TABLE

Vehicle Test Weight:	7500kg
Vehicle Class:	N2
Vehicle Speed mp/h:	40
Vehicle Speed km/h:	64
Vehicle Angle:	90
Vehicle Penetration:	1.0
Dispersion Distance:	19.4

DIMENSIONS

Bollard Diameter: 219mm
Raised Height 1000mm from FFL

Allowance for finished surfaces (paviors, slabs, tarmacadam):
100mm. Bollard ground socket supplied complete with integral reinforcement structure.

CONTROL

- PLC based control system
- Hydraulic power unit (HPU)
- Manual hand pump for manual operation
- Operational Usage: 100% duty cycle

SAFETY

A unique safety feature available is the pressure sensor facility. This will detect any obstruction on the rise cycle to stop and reverse the bollard on contact.

It is recommended that either a laser scanner or vehicle detection road loop system is installed with the rising bollard.

OPTIONS

Accumulators can be incorporated to provide emergency fast operation and/or limited operation during power failure when combined with a 24VDC UPS.

FINISH

Available as standard in a number of durable finishes to any standard RAL No. or with an optional selection of sleeves to suit the immediate environment.

Ground Socket: Hot dip galvanized

Bollard:

Hot dip galvanized and powder coated to a specified RAL No.

A range of DDA banding is available on request.



If required, please contact CSG for a bespoke solution.

Cova Security Gates Ltd

Unit C1, Sussex Manor Business Park
Crawley, West Sussex, RH10 9NH, UK
covasecuritygates.com

✉ sales@covasecuritygates.com

☎ +44(0)1293 553 888

📱 @CovaSecurityUK

🏢 Cova Security Gates Ltd

