

HVM Perimeter Protection Systems

# High Performance PAS 68 Bollards







# HC SS Bollards

## High Performance PAS 68 Permanent Bollards

Recently added to our range of permanent HVM products the HCSS 64A and HCSS 80 PAS 68 tubular steel bollards offer high performance, durability and a cost effective solution wherever a threat from criminal or terrorist attack is identified.

Successfully tested with a 7,500kg truck (PAS 68 Class N2), they provide 30mph [50kph], 40mph [64kph] and 50mph [80kph] impact protection and are suitable for many applications, including vehicle intrusion protection at supermarkets, cash handling facilities, warehouses etc., in addition to the usual HVM protected sites.

Designed to withstand direct impact forces of 1185kJ and 1852kJ respectively, the HCSS 64A & HCSS 80 bollards offer protection from both 4x4s and 7.5 tonne trucks. They are available in a range of finishes and are the perfect choice for industrial and commercial property protection, whilst allowing free flowing pedestrian movement around store entrances and car parks.

The bollards can be installed as standalone units or in multiple arrays and at a spacing of 1.2m face to face they provide a PAS 68 compliant HVM perimeter, which will protect critical infrastructure threatened by VBIEDs.

The standard unit is a capped tubular steel bollard with a galvanised or black powder coated surface finish. Other finishes are available to special order. Cover sleeves of stainless steel and other durable materials are also available.

PAS 68 Rating: -

HCSS 64A V/7500(N2)/64/90:3.3/0.0 [16,534lbs 40mph DOS K8 L2]

HCSS 80 V/7500(N3)/80/90:10.6/11.1 [16,534lbs 50mph DOS K12 L1]

[DOS equivalent classification for reference only]

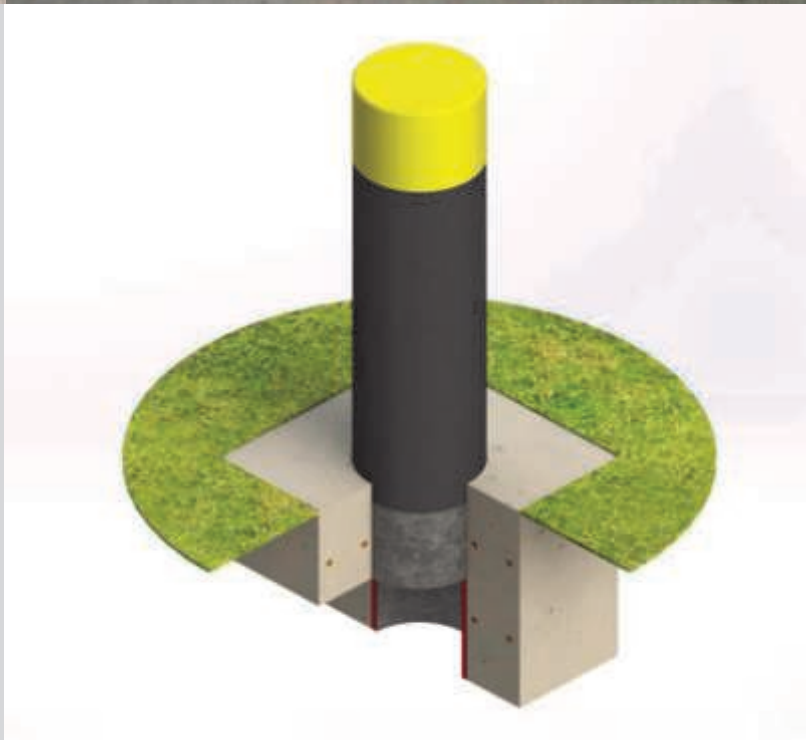






## Features & Benefits

- PAS 68 approved for HVM perimeter protection
- Simple cost effective design
- Immobilises attack vehicle
- 30mph [50kph], 40mph [64kph] & 50mph [80kph] protection
- Available in a range of finishes
- Single or multiple unit installations
- Quickly replaced after impact
- Protects from 4 x 4 and 7.5 tonne vehicles



# More From HC SS

## PAS 68 HVM Perimeter Protection Systems



Perimeter Barriers & Security Fencing



High Performance Perimeter Barriers



Pedestrian Access & Control



Rapidly Deployable Event Fencing



Vehicle Access & Control



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