

Avon Resilience SSF100 Bollard



The Avon Resilience SSF100 Bollard is a super shallow foundation bollard, designed to provide stand-off hostile vehicle protection for infrastructure without the need for deep foundations.

With a structural foundation depth of just 100mm, the bollard offers the shallowest of foundations, whilst still providing a high level of protection against aggressive vehicle attack.

Physically tested in an array of 3 bollards to the IWA14-1:2013 impact testing standard using an N2A vehicle travelling at 64kmh (40mph).

The bollard have been developed to be installed with the minimum of civil excavation and their unique design enables a seamless installation on sloping roadways and allows for curves in bollard lines. A flexible and versatile security solution.

The bollard can be customised to blend into surrounding environments, with a variety of sleeve options, including stainless steel and ornate finishes. Ground finishes can include concrete, tarmac, block paving or crushed stone.

Manufactured by engineers with a wealth of experience in the fields of Hostile Vehicle Mitigation (HVM) solutions, with an experienced system design capability along with a worldwide installation, service and maintenance capability, we are able to provide a swift and efficient solution.

SSF100 Bollards

SPECIFICATION

Physical Dimensions:	Single Bollard - Tube Diameter 273mm Tube Height: 1000mm above ground level
IWA 14-1 Classification:	IWA14-1:2013 Bollard V/7200[N2A]/64/90:4.9
Tested Model:	1000mm above ground with a spacing of 1200mm between bollards. The bollard diameter is 273mm (set of 3 bollards tested)
Construction:	The unit is comprised of a high strength steel tube 273mm diameter mounted on an integrated steel platform. (appropriate manufacturing tolerances apply).

Features

- Physically impact tested to IWA 14-1:2013
- Unobtrusive in appearance
- Super shallow foundation
- Alternative Sleeve Options
- Modular Design
- Ability to adapt to slopes and curves in roadway

Benefits

- Confidence in proven performance
- Adaptable to surrounding aesthetics
- Minimal civil installation
- Overcomes site depth restrictions
- Full perimeter security

OPTIONS

- Stainless Steel Sleeves
- DDA Compliant banding
- Dome / Mitre / Flat tops



The design incorporates a unique feature to accommodate uneven surfaces, inclines, right angles or curves in bollard lines providing a full perimeter security solution.

Bollards are supplied painted black with a reflective banding as standard, other sleeve finishes are available as options.

