

SHALLOW FOUNDATION BOLLARDS MODEL: S4-125

Swaraj Secutech presents world's slimmest shallow foundation bollard with only 125mm of Foundation Depth and 170mm of Diameter. This bollard has been physically crash tested at Horiba MIRA, U.K. to stop an intruding truck of 7.2 ton @48 kmph with only 0.4 meter penetration.

The bollard has been manufactured keeping in mind the corrosive nature of the tropical Indian climate and all parts of bollards are hot dip galvanised to prevent corrosion. Illuminated SS 316/304 cover for better aesthetics is available on request.

Crash test pictures at MIRA, UK



TO WHOM THIS MAY CONCERN

17th January 2019

To whom it may concern,

This is to confirm that a Swaraj Secutech PVT LTD S4-125 shallow fixed bollard system was impact tested at HORIBA MIRA Ltd on 10th January 2019 under Test number W0003.

The Impact test was carried out in accordance with **IWA14-1:2013 Impact test Specification** for Vehicle Security Barriers with the target impact point being mid-way between two bollards and the test item was given a performance classification of:

IWA 14-1:2013 Bollard V/7200[N2A]/48/90:0.4

The Vehicle Penetration was 0.4metres.

For more details, including the classification of the product, please refer to HORIBA MIRA test report when available No: 1218434-008.

Yours Sincerely,
For and on Behalf of HORIBA MIRA LTD

Dave Johnstone
Consultant - HSPi



HORIBA MIRA Ltd
Wadding Street, Nuneaton
Warwickshire, CV10 0TU, UK

Direct Tel: +44 (0)24 7635 8127
Direct Fax: +44 (0)24 7635 8513
Email: adam.young@horiba-mira.com

www.horiba-mira.com

SPECIFICATIONS

MODEL NO.	S4 - 125
FOUNDATION DEPTH	125 MM
CYLINDER DIAMETER	170 MM
CYLINDER HEIGHT	900 MM
RATING	IWA14-1:2013 BOLLARD V/7200[N2A]/48/90:0.4