

SUPER SHALLOW BOLLARD

SSB-F70 - 70 mm only

New



photo shows result of test at 48 km/h

CRASH TESTED TO IWA 14-1:2013

Bollard / V / 7200 / [N2A] / 48 / 90 : 0.4

• Requires only 70mm excavation depth

• Bolt directly to existing floor slab

The One and Only Made in Singapore!

Our new innovative Super Shallow Bollard requires only 70mm excavation, the **only one** in the industry.

SUPER SHALLOW

This super shallow design allows installation even at buildings with basement carpark or where underground services is a concern.

CONTOUR TO SITE

The unique design of this shallow bollard allows us to install the bollard to align with the shape of the site and to contour with the profile of the location.





TECHNICAL INFORMATION

Diameter	219 mm / 234 mm (sleeves)
Height of Bollard	900 mm
Excavation depth	- 70 mm only - bolt directly to existing slab
Finishing	- Galvanise or paint to any RAL colour - Can be fitted with aesthetic sleeves (stainless / bronze or rustic effects)

TEST CERTIFICATE VALIDATION, VALIDATED IN UK



TO WHOM THIS MAY CONCERN

13th March 2019

To whom it may concern,

This is to confirm that a Precision Fabricators Pte Ltd M30/SSFB70 Shallow Foundation Bollard system was impact tested at HORIBA MIRA Ltd on 20th February 2019 under Test number W0010.

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 the middle bollard of the three installed 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: 1219327-003.

Yours Sincerely,
For and on Behalf of HORIBA MIRA LTD



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