

SP400 SUSPENDED SLAB BOLLARD

Operation Type: Shallow Foundation, Suspended Slab



ATG ACCESS



SITES INSTALLED

- British Library, London
- Canary Wharf Financial District
- Shard of Glass, London
- Birmingham New Street Railway St.
- Manchester Arndale Shopping Centre
- Glasgow Velodrome
- Marina Bay, Resort Sentosa Singapore
- Marina Bay Fire Station, Singapore
- JEM Shopping Centre, Singapore
- Changi Airport, Singapore
- Mandarin Oriental Hotel, Bangkok
- The Hague, Holland
- Anne Frank Museum, Amsterdam

PRODUCT OVERVIEW

The ATG Access SP400 Shallow Foundation Bollard range includes the industry's first impact tested, lift-out product installed directly and impacted within a suspended slab foundation.

This bespoke solution provides clients with information on energy transfer which can be used to certify that the product is suitable to be installed above major sub structures such as underground tube tunnels, ticket halls, major utility services and underground car parks.

The SP400 bollard has a slim profile making this product aesthetically pleasing and able to be fitted with a multitude of sleeve options.

The SP400 suspended slab, removable bollard has been successfully impacted and certified within a suspended slab.

The test slab had a thickness of 250 mm and the product was impacted with a 2,500 kg vehicle travelling at 48 kph.

After impact, the integrity of the suspended slab was completely retained and the removable bollard performed a dead-stop with zero meters of penetration.

The impact test calculations can be used to design a security solution for your suspended slab application.

SECURITY RATING

IWA14-1: Successfully arrested a 2,500 kg vehicle travelling at 48 kph.

Calculations Available

FINISHES

Available in a variety of finishes: galvanised as standard with two yellow reflective bands, painted to any specified RAL colour or fitted with a stainless steel sleeve.

	Removable, Suspended Slab Bollard
Bollard Diameter	198 mm (painted) / 219 mm (sleeved)
Height Above Ground	900-1,000 mm (depending on the surface finish)
Foundation Depth	250 mm deep slab
Finishes Available	Galvanised. Painted to a specified RAL colour or fitted with a stainless steel sleeve.
Security Rating	Calculations Available



SP400 Removable, Suspended Slab