



# Bridge deck expansion beam with Populus XA Bollard



Perimeter Barriers | Vehicle

**Manufacturer:**ATG Access

**Standard Tested To:** IWA 14-1:2013

**Performance rating:** V/7200[N2A]/48/30:0.2

## Description

Populus XA bollard arrays fitted with an Expansion  
Barrier Beam.



## Manufacturer

Manufacturer Name:	ATG Access
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## Specification

The system comprised of two bollard arrays, each with 7 bollards welded onto 4 individual sized and shaped steel plates connected by articable joints within foundations 8802mm long and 1420mm wide.

The expansion joint beam was mounted on the two opposing bollards providing a gap between the bollard mounting plates of 4600mm.

The system was placed on a compacted base 80mm below finished ground level. For the test there was no finished covering, leaving 40mm for either a tarmac or other surface finish.

**Foundation:** B - Depth  $\leq$  0.5m below ground level

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