



BA111

FIXED IN-GROUND STEEL BOLLARD

PRODUCT DATA SHEET

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PERMANENT PROTECTION. BUILT INTO THE SITE.

No exposed base plate

The BA111 is designed for fixed in-ground installation through the finished pavement into a new concrete footing.

FABRICATED FOR IN-GROUND INSTALLATION

A heavy-duty carbon steel bollard for permanent traffic delineation and general asset protection. The 400 mm embedded section allows the BA111 to be installed in asphalt, concrete or paved areas with a new site-specific concrete footing.



IN-GROUND
FIXED



GALVANISED
STEEL

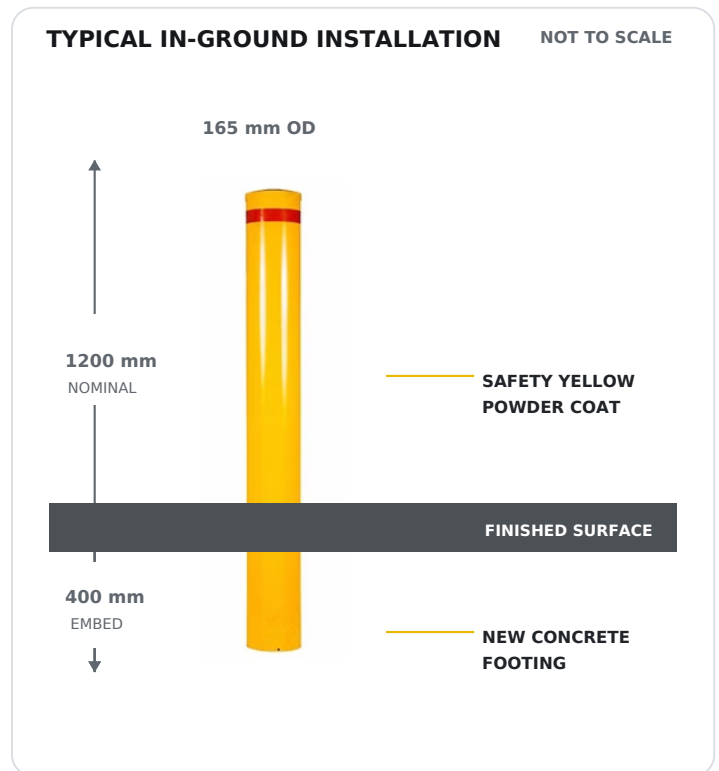


HIGH
VISIBILITY

TECHNICAL SPECIFICATION

PRODUCT CODE	BA111
INSTALLATION	Fixed in-ground
MATERIAL	Heavy-duty carbon steel
FINISH	Safety yellow powder coat
REFLECTIVE BAND	Red
OVERALL LENGTH	1600 mm
EXPOSED HEIGHT	1200 mm nominal
EMBEDMENT	400 mm nominal
OUTSIDE DIAMETER	165 mm
WALL THICKNESS	3 mm
APPROX. WEIGHT	15 kg
WARRANTY	5 years

INSTALLATION DETAIL



TYPICAL APPLICATIONS

- Pedestrian and vehicle separation
- Doorways, building corners and loading areas
- Car parks, access routes and asset protection

INSTALLATION GUIDANCE

Cut or core through the finished surface, excavate and form a new concrete footing, set the bollard plumb to the required level, then make good the surrounding pavement.

Footing size, concrete strength and product selection must be confirmed for site conditions and the intended impact risk.