

## Brandsafe

### ImpactSAFE Bollard

**ImpactSAFE bollards** designed with built in impact absorption to prevent floor anchors being pulled from the floor and cracking the slab underneath. Featuring high visibility, removable polymer covers, these **impact protection bollards** are ideal for external escape doors and high traffic areas. The mild steel, high density polyethylene (HDPE) and rubber materials are fully recyclable.

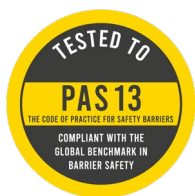
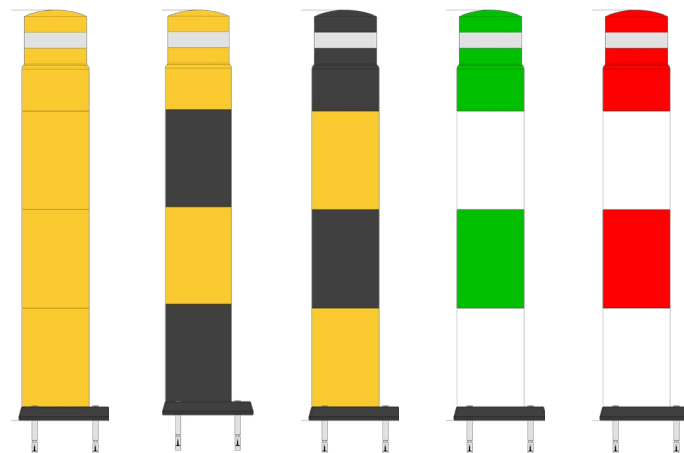


## Features and Benefits

- Bolt down bollards with built in shock absorption to cushion impact forces from wrenching floor anchors and protect concrete slabs from cracking under heavy impacts from MHE.
- Benefits from removable polymer cover kits.
- Available in 5 standard colour options.
- 1000mm, 1300mm and 1600mm height options.
- Includes shock absorbing rubber buffers to arrest impact force.
- Includes polymer bollard cover kit and 4 No. safety-plus floor anchors.
- 168mm diameter steel core and galvanised base plate.
- Tested to PAS 13 Approved by TÜV Nord.

## Testing

**Brandsafe® ImpactSAFE bollards** have been tested to meet and exceed the global PAS 13 standard, as independently certified by TÜV Nord. Testing demonstrated that at a 90° impact angle, the bollard absorbed 6.1 kJ of energy. These results are equivalent to a 4.2 mph impact from a 3,500 kg forklift, with a measured deflection of 200 mm. All tests were conducted on a concrete substrate, confirming the bollard's strength and durability in demanding warehouse environments.



Material	Mild steel / high density polyethylene (HDPE) / rubber
Height	1000mm / 1300mm / 1600mm
Base	290mm x 342mm
Diameter	210mm
Steel core finish	Hot dip galvanised (HDG) BS EN ISO 1461
Fixing holes	20mm diameter
Floor anchors	Hilti HSA4
Tested impact energy (J)	6,100 Based on impact at 90°
Deflection (mm)	200