

# Technical Data Sheet

## ImpactSAFE Bollard Brandsafe® Impact Protection







### **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 that are ideal for high impact risk areas
- Includes shock absorbing rubber buffers to arrest impact force
- Tested to PAS 13 Approved by TÜV Nord

#### **Material Specification**

#### **Bollards**

1000mm, 1300mm and 1600mm height options

Includes polymer bollard cover kit and 4 No. safety-plus floor anchors

168mm diameter steel core and galvanised base plate

Includes 50mm reflective band for maximum visibility



| Property                 | Specification   |
|--------------------------|---|
| Material                 | Mild Steel/High Density<br>Polyethylene (HDPE)/Rubber |
| Height                   | 1000mm, 1300mm or 1600mm                              |
| Base                     | 290mm x 342mm   |
| Diameter                 | 210mm   |
| Steel core finish        | Hot Dip Galvanised (HDG)<br>BS EN ISO 1461            |
| Fixing holes             | 20mm Diameter   |
| Floor anchors            | Hilti HSA4  |
| Tested Impact Energy (J) | 6,100*  |
| Deflection (mm)          | 200   |
| *Based on impact 90°     |   |

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