



Call our Expert Sales Team for more information.

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HD Impact Protection & Adaptable Safeguarding

Engineered for maximum impact resistance and operational flexibility in critical material handling environments, our DropCore Bollards deliver heavy-duty asset protection and reliable vehicular segregation for loading bays, logistics centres, and busy warehouses. Made from mild steel and hot-dip galvanised to BS EN ISO 1461, the demountable core is enhanced by a shock-absorbing gaiter and high-visibility, colour-coded polyethylene sleeves, providing corrosion resistance alongside clear safety zone demarcation.

Seated securely within a galvanised, flush-fitted floor socket to absorb kinetic force while allowing for rapid removal, the system protects the surrounding floor architecture and vehicles from accidental collisions—offering facilities managers, logistics operators, and industrial contractors a highly durable, adaptable solution for dynamic workspaces.

Key Features

- ☑ **Demountable Steel Core**
(Allows for rapid removal from its flush-fitted floor socket)
- ☑ **HD Galvanised Construction**
(Made from mild steel and galvanised to BS EN ISO 1461)
- ☑ **Shock-Absorbing Gaiter**
(Features a cushioning base that absorbs and disperses impact forces)
- ☑ **High-Visibility Polymer Sleeves**
(Protected by durable covers in standard industrial safety colours)
- ☑ **Versatile Sizing Options**
(Available in 1.26m and 1.56m to suit specific site requirements)

Suitable For

- ☑ Level-Access Loading Bays
- ☑ Pedestrian Segregation & Walkways
- ☑ Roller Shutter Doors & Building Entrances
- ☑ Fire Escape Routes & Emergency Access
- ☑ Temporary Industrial Barriers



See the full First Fence bollard range here

[CLICK HERE](#)

Choosing the Right Bollard for Your Project

STEP 1: EVALUATE VEHICLE RISK

Determine the weight and speed of the vehicles operating in the zone.

While the standard DropCore bollard provides robust heavy-duty defence, if the specific area is subject to high-speed HGV traffic or severe, frequent forklift impacts, you should evaluate if a fully PAS 13 crash-tested alternative (such as the ImpactSAFE range) is necessary for that particular high-risk zone.

STEP 2: CONFIRM ACCESS NEEDS

Choose a DropCore bollard where short-term access is needed at loading bays or roller shutter doors, providing removable protection and clearance for reversing HGVs and oversized loads.

The DropCore's demountable function ensures you can maintain infrastructure protection without permanently blocking the route.

STEP 3: SELECT THE HEIGHT

DropCore Bollards come in two heights, dictated by the required line of sight & size of the vehicles: 1260mm (1.26m): Best suited for standard pedestrian routes, internal warehouse segregation, and standard loading doors.

1560mm (1.56m): For environments handling larger vehicles where elevated driver visibility or a more imposing physical presence is necessary to deter collisions.

STEP 4: CHOOSE SAFETY COLOUR

The UV-stabilised polymer covers eliminate the need for repainting. The colour must align with your site's safety zones.

Choose the sleeve based on the hazard level:

Yellow/Black or Black/Yellow: Specifically designates caution areas and hazard zones.

Red/White: High-warning areas demanding maximum driver attention.

STEP 5: ASSESS GROUND

As the DropCore system relies on a cast-in floor socket rather than a bolt-down baseplate, you must verify the concrete slab can support the installation.

The socket needs a core drill depth of 200mm and a diameter of 200mm. Confirm that there are no underground utilities, underfloor heating elements, or structural rebars that would prevent drilling to this depth.



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Technical Specifications

PRODUCT	HEIGHT	DIAMETER	POST TYPE	MATERIAL	COLOUR
1.26m High DropCore Bollard	1260mm AFFL (Above Finished Floor Level) 1400mm (Total)	200mm (Steel Core)	Floor Socket (Floor Socket Depth = 200mm)	Mild Steel (Core & Floor Socket) Polyethylene (Sleeve)	Yellow & Black Black & Yellow Red & White
1.56m High DropCore Bollard	1560mm AFFL (Above Finished Floor Level) 1700mm (Total)	200mm (Steel Core)	Floor Socket (Floor Socket Depth = 200mm)	Mild Steel (Core & Floor Socket) Polyethylene (Sleeve)	Yellow & Black Black & Yellow Red & White

General Specifications

Galvanised Steel Core: Compliant with BS EN ISO 1461

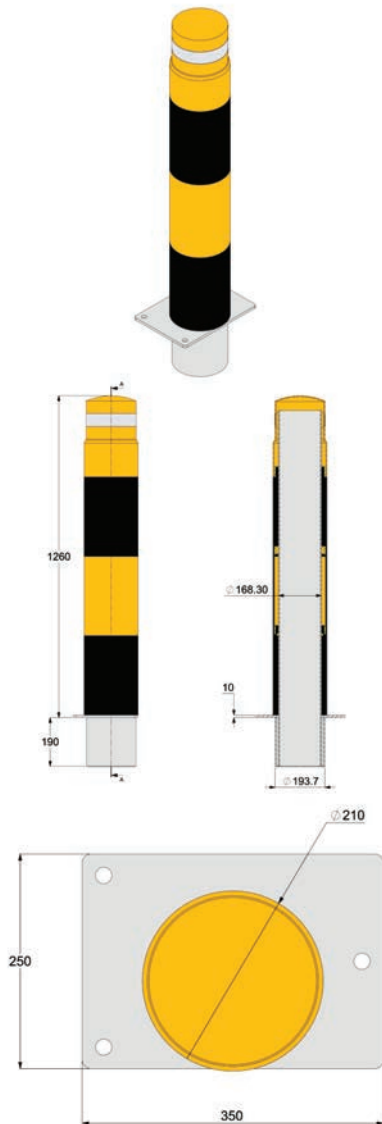
Socket Depth: 200mm

Cored Hole Diameter: 200mm OD

Cover Diameter: 210mm OD

Fixing Anchors : Rawl R-SPL-10120/40 Safety Plus Anchors M10 x 120mm (3)

**Casting: Use BrandSafe RapidSET Cast Compound
Recycling Group: Mild Steel (core) / PE4 (cover)**



A Demountable Bollard For Exactly When You Need It

At busy external loading bays, fixed bollards safeguard infrastructure but often block access. The DropCore bollard eliminates this issue. Designed for high-traffic environments, the robust steel core lifts out to allow vehicle movement and drops back into its permanent floor socket to restore perimeter security.

- **Smarter, Non-Disruptive Installation:** Traditional potted bollards demand expensive, disruptive excavation. This system utilises a permanent 200mm (depth) x 200mm (diameter) cast-in steel floor socket. It delivers the structural strength of a deep-rooted bollard without the excessive groundwork, secured neatly at floor level with M16 x 150mm galvanised ground anchors.
- **Tailored Height Configurations:** Available in two distinct sizes to meet your specific site risks. The 1260mm model is ideal for standard loading doors and pedestrian routes. For high-risk zones requiring maximum physical presence and visibility for larger HGVs, the 1560mm version shares the exact same socket system for seamless, interchangeable integration.
- **Weatherproof Galvanised Core:** Manufactured from heavy-duty mild steel and hot-dip galvanised to BS EN ISO 1461, the core guarantees relentless, long-term corrosion resistance even in the most exposed and demanding outdoor environments.
- **Swap-and-Go, High-Visibility Covers:** Say goodbye to repainting. The steel core is shielded by a UK-manufactured, UV-stabilised LLDPE polymer sleeve complete with a 50mm reflective silver band for night-time visibility. Available in three zone-specific colours (ranging from general caution Yellow and Black and Black and Yellow, or Red & White for high-alert zones), the cover acts as an immediate visual deterrent. If it takes a hit, a replacement cover slides on independently without disturbing the core or floor socket—keeping maintenance costs and site disruption to an absolute minimum.



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