# Barriers

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www.berrysystems.co.uk

## **About Berry Systems**



#### For over 50 years we have been the market leader in vehicle restraint systems offering the most modern, extensive, cost effective, fully type tested and approved solutions.

With vast experience, underpinned by modern design philosophy, Berry Systems offers an extensive range of barrier solutions for both retrofit and new build car park projects. Unrivalled in the industry, Berry Systems has carved a reputation for providing the very highest protection standards, supplying type tested and fully approved systems that meet the most stringent of industry regulations.

Offering the widest range of barrier solutions in the industry from traditional floor and column mounted safety barriers to column protection units, wall mounted systems and warehouse barriers to pedestrian and vehicle segregation, access control and speed restraints, Berry Systems prides itself on protecting people, property and assets on many of the UK's most high-profile parking projects.

We also supply bespoke systems designed and fabricated as per the project specific design requirement.



#### **Barrier Systems**



Our vehicle restraint systems include:

- Column Mounted with a minimum footprint in the parking bay, these systems allow architects to maximise parking space. Fully certified, Berry's System3 and Brisafe barrier systems comprise steel bars anchored to the structural steel columns to provide an economical solution.
- Traditional Floor Mounted these can be mounted on flexible, semi-flexible or rigid posts with the choice of three rail profiles, Berry Beam, Barrier Rail or Open Box Beam. These systems include Spring Steel Buffer, RB1, RB1X, Flexi Posts, and P224.

- Wall Mounted these systems prevent damage to walls adjacent to traffic areas. The WH Buffer provides an ideal solution for insufficient space with a fixing directly on to the wall to protect from collision.
- Column Protection Units allow for the protecting of critical structures within a car park as well as protecting vehicles from bumps and scrapes. Column Buffer Plus, I Beam protector, Column Sentry, Heavy Duty CPU, Monostrut CPU are all available in both floor and column mounted configurations.
- Industrial Barriers protect people and assets where heavy-duty vehicles are involved in parking and production activities. Berry's Pedestrian Segregation, Bollards, Wheel Guides and Speed Restraint Products provide safety from accidental collisions.





#### BARRIER BENEFITS

Modern Construction Methods

Flexible and futureproof with the ability to adapt to construction needs Cost Effective Solutions Systems that meet exacting standards wit zero compromise Superior Protection Providing unrivalled impact protection for people, property and assets Fully Compliant Unrivalled safety standards and type testing Industry Pedigree A history spanning 50+ years

#### **Barrier Benefits**

**Design** - experienced, in-house design and survey teams using the very latest CAD software and Berry's bespoke Car Park Design Advisory Service (CP-DAS). Providing a comprehensive wrap around consultancy service, Berry Systems guarantees projects requiring vehicle restraint systems are delivered to the very highest industry standards and – supported by in-house and external third-party testing facility – ensures products perform to the most stringent regulatory requirements.

**Quality and Safety** - quality and safety are at the heart of everything we do. From initial structural survey through to using specialist test rigs and load testing equipment, Berry Systems operates in accordance with structural engineering criteria recommended by the Institute of Structural Engineers. Testing by third party certification companies ensures projects are delivered to the very highest industry standards.

**Conformity to Standards** - with all products type tested and certified to meet all relevant building regulations and standards. Working to the 'Design Recommendations for Multi Storey and Underground Car Parks', Berry Systems ensures all barriers are designed to meet the required BS EN 1991-1-1 standard, adhere to the latest impact force formula and meet the latest recommendations from the Institute of Civil Engineers and Institute of Structural Engineers (IStructE).



Berry Systems provides full project delivery including:



Early Involvement and pre-engineering founded on 50 years' experience in supplying vehicle restraint systems



Surveying both structural and general to provide precise, clear-cut and comprehensive reporting



Design and Engineering using Berry's bespoke Car Park Design and Advisory Service (CP-DAS)



Testing to impact tested range, 75kN, 150kN, 300kN and 450kN



Supply and Manufacture of fully certified systems, complying with BSEN 1991-1 and meeting latest recommendations of IStructE



Installation and Site Works by accredited installers or the option of material only supply



Project Management providing a full turnkey solution, managing the project life cycle. Berry Systems offers an extensive range of barrier solutions for both retrofit and new build car park projects. Please contact the sales team to discuss your requirements.



### World Class Solutions Provider

A world class engineering solutions provider, Berry Systems is the market leader in the design, engineering, supply and construction of a wide portfolio of products offering eight core service streams.



Littlewood Berry Systems Ltd, a subdivision of Littlewood Group