



Springvale Business & Industrial Park, Bilston, Wolverhampton WV14 0QL. UK
T: +44 (0)1902 491100 F: +44 (0)1902 494080 E: sales@berrysystems.co.uk W: www.berrysystems.co.uk

LOCATION

EAST MARKETGAIT,
DUNDEE

DESCRIPTION

LEISURE CENTRE MULTI-
STOREY CAR PARK

CLIENT

MANSELL
CONSTRUCTION

ARCHITECTS

AUKETT FITZROY

CONTRACTORS

DUNDEE CITY COUNCIL

INSTALLED BY

BERRY SYSTEMS

SYNOPSIS

Vehicle safety barriers for
new multi-storey car park at
city Leisure Centre





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BERRY BRISAFE SYSTEM AT DUNDEE

Berry Systems' innovative Brisafe wire rope safety barrier has been installed at the new, 500 space East Marketgait car park in Dundee. The multi storey car park serves the new leisure centre which is part of Dundee City Council's multi-million pound redevelopment of the city's waterfront area. The car park, incorporating a retail unit, is linked to the leisure centre by a central foyer

and the complete facility boasts a competition sized swimming pool, health suite, café and flumes.

Berry Systems' safety barriers were specified throughout the car park including their column mounted Brisafe perimeter barrier which meets the strenuous demands of BS EN 1991 -1-1 2002 Annex B. This is the European Standard that has taken over the mantle of BS 6399



Part 1 1996. With a zero footprint in the parking bay, Brisafe allows architects to maximise the parking space available, while providing a flexible system that 'gives' on impact to minimise damage to vehicles and the barrier itself.

It creates a visually attractive barrier that combines an independently tested safety performance with architectural flexibility to enhance the appearance of the whole structure.

Unlike traditional vehicle barriers, the Berry Brisafe system can be supplied in any RAL colour and the infill panels can include custom designs and logos if required.

While most of the car park perimeter was protected by Brisafe barriers, areas that did not provide convenient structural columns were protected by Berry Beam



barriers floor mounted on RB1X spring steel buffers. The split level decks and pedestrian walkways were contained by Berry Beam safety barriers floor mounted on RB1 Spring steel buffers.

Walls and areas not accessible to pedestrians are contained by Berry Beams mounted on Flexi-Posts which also give on impact but limit deflection to enable them to be mounted close to the walls.

Berry Systems MD Steve Dunn said "We were involved in discussions with the architects at an early stage of the project which allowed them to exploit the many advantages of the Brisafe system. Together with our more traditional floor mounted barriers we were able to supply a complete package of safety barriers for the entire car park."

THE LOOK YOU WANT
 THE PROTECTION YOU NEED

SPECIFICATION

- 967 metres Berry Brisafe Wire Rope Perimeter System with full mesh panel infill
- 1157 metres RB1 type spring steel buffers and Berry Beam with full height anti-climb mesh and handrail
- 109 metres Flexi-Post and Berry Beam
- 164 metres Flexi-Post and Barrier Rail
- 55 metres RB1 type spring steel buffers and Berry Beam
- 8 metres RB1 type spring steel buffers and Berry Beam with integral handrail



A member of the Hill & Smith
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