

# Derriford Hospital



## LOCATION:

Derriford, Plymouth

## CONTRACTOR:

Sir Robert McAlpine

## SECTOR:

Private

## INDUSTRY SECTOR:

Vehicle Restraint Systems

## SYNOPSIS:

Vehicle/Pedestrian safety barriers for the new 627 space, 6 storey car park at the Derriford Hospital in Plymouth.

## PRODUCTS INSTALLED:

- Berry Beam Barrier Profile
- RB1X (100 X 14) Posts - Maximum of 750mm Post Centres
- Post Extensions
- Integral Pedestrian Handrail
- Anti-Climb Mesh Infill

**Berry**  
SYSTEMS

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#morethanjustbarriers

# Derriford Hospital

Like many hospitals, Derriford in Plymouth has to match ever-increasing numbers of patients, visitors and staff with limited parking availability.

The new 627 space multi-storey car park on the North West Quadrant will go a long way towards easing the situation for the daily 8,000 footfall to the hospital. Part of a 6.6 hectare site being developed by Wharfside Regeneration for Plymouth Hospitals Trust, the new car park was designed by international architects S333 and built by Sir Robert McAlpine Limited.

The eco-friendly design features green walls with climbing plants on the two lowest levels, steel latticework on the next two and timber latticework on levels 5 and 6. We recommended our RB1X Spring Steel Buffers that 'give' in a collision to absorb impact forces and minimise damage to the barrier, the vehicle and the car park deck that the barrier is mounted on. After an impact, the barrier returns to its original position to provide ongoing protection. Berry Beam rails were used to give a more refined appearance than the traditional Armco 'W' section.

A pedestrian handrail was mounted above the barrier on post extensions of 1,100mm high and the space in between filled with anti-climb mesh to stop pedestrians from falling through, or even climbing over the barrier.



## Specification

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- Anti-Climb Mesh Infill
- Integral Pedestrian Handrail

Talk to one of our experts and find out how Berry Systems can make a difference to your next project



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