



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

9

**LOCATION**

Birtley, County Durham

**DESCRIPTION**

Distribution Centre

**CLIENT**

Co-Operative Retail Logistics

**ARCHITECT**

RPS Burks Green

**ENGINEERS**

BWB Consulting

**MAIN CONTRACTOR**

Clegg Special Projects

**INSTALLED**

Berry Systems

**SYNOPSIS**

Install Safety Barriers and Balustrading to protect loadings bays, warehouse racking, pedestrian walkways and plant.



THE LOOK YOU WANT  
THE PROTECTION YOU NEED



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

## PROJECT DESCRIPTION

The new Co-op Composite Distribution Centre on the outskirts of Chester-el-Street covers 25,600 sq metres (276,000 sq ft) and supplies a vast range of products from 3,500 lines to 262 Co-operative stores in the North of England.

This keeps the 500+ staff very busy with a couple of hundred vehicle movements every day. Understandably, safety is paramount and safety specialist Berry Systems won the contract to supply and install all the safety barriers, balustrades, loading bay barriers and racking protectors inside the warehouse as well as the vehicle perimeter barriers and ramp barriers externally.

All the products, with the exception of the galvanized spring steel barriers, were painted in eye-catching yellow for added visibility. The spring steel barriers are designed to absorb impacts from HGVs and forklift trucks while retaining their own integrity and ongoing effectiveness. The Co-op was also determined to ensure the environmental credentials of the new development. A 150,000 litre rainwater collection system was installed to make the plant self sufficient in non-potable water during all but the driest periods. Waste oil helps to provide heating and the lighting system is solar controlled to eliminate wastage. It ensures a variable level of interior lighting to automatically complement exterior levels.



THE LOOK YOU WANT  
 THE PROTECTION YOU NEED

9

## SPECIFICATION

160 metres of double height Barrier Rail mounted on GH spring steel buffers.

527 metres of single height barrier rail mounted on GH spring steel buffers at 760mm high.

42 metres of barrier rail mounted on GH spring steel buffers with handrail extensions.

42 loading bay interior fork lift truck wheel guides.

110 rubber wheel stoppers 2700mm long.

110 rubber speed ramps (3000mm sections).

20 height restrictors.

7 column protection units.

136 bollards.

136 internal wheel guides.

3 swinging gates.

166 rack end protectors.

621 metres of floor angle

285 metres of heavy duty hand-railing.