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mezzanine floors

YOUR PLATFORM FOR FUTURE GROWTH



Case Study

Athlone Project for Interlink Express



Express delivery operators Interlink are increasingly turning to technology to help them achieve higher levels of customer service and satisfaction. Interlink, who delivers over 30 million parcels a year in the UK have invested in parcel sortation in their installation in Athlone Co Westmeath, Ireland.

Interlink Ireland Ltd was founded in 1986 with 10 depots. Following substantial growth, they are now the premier parcel delivery company in Ireland, with 38 depots handling in excess of 6 million parcels per year.

In 2000, Interlink Ireland became part of GeoPost S.A., the parcels and express division of La Poste, the French Post Office.

Half a decade later, Interlink Ireland committed €18 million to remain at the forefront of the express parcels market by investing in a new hub and headquarters in Athlone.

As part of their growth Davicon mezzanine floor, provided them with a supporting platform for their new sortation system. The mezzanine floor was over 1,000m² in size, and also enabled access to all areas on the sortation system through a series of access stair ladders and walkways which were essential for the new distribution hub.



Description of Installation Phases

Phase 1

Main structure to Posisorter approximately 74.50m long x 9.80m wide x 3.44m to finished floor level for conveyor support and 5.64m to finished floor level for maintenance access walkways complete with cat ladder access.

Phase 2

Support steelwork to conveyor in-feeds approximately 38.00m long x 13.50m wide x 2.90m high to finished floor level including 2.00m high viewing platform.

Phase 3

Conveyor support steelwork around building perimeter approximately 130.00m long overall x 2.50m wide generally x 3.30m high to finished floor level.

General Specification

Decking	: WISA 22mm birch plywood with the 'Trans' hot pressed high friction anti slip textured surface to the topside. Surface colour is Brown [RAL 8017].
Handrail	: 700 lm comprising 1100mm high twin/single railed galvanised handrail and ball-posts c/w 100mm high black melamine-faced chipboard kick-plate.
Cat Ladders	: Caged access ladder generally constructed from 65x10mm flat stringers, 20mm diameter rungs and 50x8mm safety cages and straps. Safety chain fitted across opening.
Staircases	: 50 No. standard steel staircases comprising flat plate stringer with open black chequer-plate treads complete with twin rail tubular handrail and ball-posts, location as shown on Drawing No. 094350-330-0001-EN Rev B01. 27 @ 2.10 metres 18 @ 1.05 metres 2 @ 1.7 metres 2 @ 0.9 metres 1 @ 1.8 metres
Landings	: 27 No. mid landings fabricated from channel section frames, rolled hollow section columns and chequer-plate decking.
Construction Depth	: Typically 300mm with maximum of 400mm.
Base Plates	: 305 x 305mm