

## CASE STUDY - Commercial Spiral Fire Escape - Blackpool

Our customer was a large construction company erecting a number of office units in Blackpool. They required a fire escape from two floors of one unit and opted for a double flight spiral staircase. An spiral fire escape is not only less expensive than a straight flight model but also takes up less room. As the stair was providing an escape route for more than 50 people, we designed in to Category D of BS5395. We also introduced a wheelchair refuge at each platform to comply with fire regulations. The staircase was galvanised to ensure protection from the elements.



### TECHNICAL SPECIFICATION

FLOOR TO FLOOR HEIGHT	-	3230 & 3230mm
RISERS	-	17 to each flight
DIAMETER	-	2400mm
CLEAR TREAD WIDTH	-	1000mm
TREADS	-	Perforated Steel
TOP PLATFORM	-	Wheelchair refuge
CENTRE COLUMN	-	Ø 139, 7mm Tube
HANDRAIL	-	Ø 33.7mm Steel
CENTRE COLUMN HANDRAIL	-	Ø 33.7mm Steel
BALUSTRADE INFILL	-	10mm Vertical spindles
FINISH	-	Galvanised

