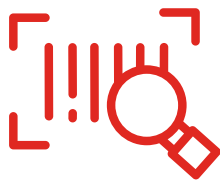




Places for People

CASE STUDY

Passive & Active Fire Protection



c. 365 properties; 2-
storey flats, ground floor
flats and maisonettes



Approximate value
of the works: £1.2m

Neo won the JCT contract to deliver fire safety solutions to achieve compliance with fire safety standards in group properties in Newcastle.

Following the survey, a design to establish a new line of fire compartmentation between flats, floors, and the riser cupboard was developed.

Neo's solution was the construction of a concrete frame and brick infill panels, and a series of purpose-built riser shafts located between, above and below neighbouring properties. The brief satisfied by Neo through a destructive survey of all archetypes was to assess the level of fire compartmentation being provided within the main service risers.

Through close consultation with the Tyne and Wear Fire Authority, the design incorporating the installation of hard-wired active fire protection measures to an LD1 specification was approved and a 12-week programme to complete the works agreed. During the pre-commencement planning phase, significant emphasis was placed on co-ordinating access to each property in line with predetermined customer access protocols. Due to the number of properties affected, flexibility in working times, appointments and a need to accommodate essential requirements of vulnerable groups were factors built into the project plan.