



Structural – Central St Giles, London



Project details:

Devised by architect Renzo Piano, Central Saint Giles has been attracting attention ever since its glazed ceramic facades began to appear in 2009. Now the development's 13 façades have been covered with ceramic tiles in bright shades of red, orange, yellow and green

Central Saint Giles is a 14 storey dense complex, providing 400,000 sq ft net of office, retail and residential space on a constrained site in the West End. The transparent ground level of the building adds a feeling of permeability at street level which allows passers-by to see through and into the site, which is linked into its surrounds by five pedestrian entrances leading into a new public piazza.

Lytag[®] LWA was utilised in the readymixed concrete for the composite floor slabs. This resulted in a reduction of the concrete weight by approximately 25% when comparing to standard weight concrete.

The scheme has achieved a BREEAM "Excellent" rating, as well as a Very Good EcoHomes rating. Lytag[®] LWA, (a wholly manufactured aggregate, made from a waste stream) helped in the projects achievements.

Project:

Central Saint Giles, London

Date:

2008 - 2010

Client:

Legal & General/Mitsubishi Estate Corporation

Architect:

Renzo Piano Building Workshop,
Fletcher Priest (exec. Arch),
PRP (Residential Arch)

Structural Engineer:

ARUP

Main Contractor:

Bovis Lend Lease

Sub-Contractor:

Byrne Brothers Ltd

Readymix supplier:

Tarmac

