



Structural – Apple Store, Covent Garden



Project details:

Covent Garden is a magnet for locals and tourists, especially on weekends when street entertainers provide a show. The space in front of the Apple store is typically a sea of people on Saturdays.

The store was the firm's 300th and most historic store and opened its doors on Saturday 7th of August 2010.

The retail space occupies about 30,100 square-feet, including stock in the basement.

The building provides ground-floor, mezzanine and partial second-floor (first-floor in UK terminology) retail space. The remainder of the second, third and fourth floors is occupied by offices and meeting rooms for Apple's European administrative staff. The basement is used for stock and other back-of-house functions.

The ground-floor spaces have been unified, given a level stone floor and updated to the clients' standard interior design. A spiral glass staircase has been fitted in the southwest corner of the structure. The interior courtyard has been incorporated into the retail space.

The mezzanine has been rebuilt, levelled and modified to make room for the glass staircase. The rear portion of the second-floor has been remodelled to accommodate a "Small Business area".

Substantial restorations have been made to the Grade II listed building on The Piazza. Historic features that had deteriorated or disappeared were all under the supervision of an independent heritage specialist.

In order to work with and retain historic features and structural components within the building, a LC35/38 Lytag® lightweight coarse and fines aggregate concrete was designed to comply with the maximum specified dry density requirement of 1520kg/m³.

Project:

Apple Store Covent Garden

Date:

2009 - 2010

Client:

Apple Computer Inc

Architect:

Main - Bohlin Cywinski Jackson
(S. Francisco USA)

'Architect of Record' - Gensler,
London

'Conservation Specialist' –
Julian Harrap Arch

Structural Engineer:

Eckersley O'Callaghan

Main Contractor:

Faithdean Ltd

Sub-Contractor:

John F Hunt Demolition Group

Readymix supplier:

London Concrete

