

Techrete creates an elegant precast facade for Juxon House

Techrete, Ireland's leading manufacturer of architectural precast concrete cladding, recently supplied precast concrete cladding panels for the facade of Juxon House, a prestigious new building fronting onto St. Paul's Churchyard in the City of London. The crescent shaped building has a neo-classical facade which comprises over 7,000 square metres of self-supporting precast panels faced with Portland stone and Bath stone, with reconstructed stone details on the parapet balustrade and pediment.

A series of reconstructed stone panels incorporating classical details were also manufactured by Techrete. In all Techrete designed, manufactured and erected 900 units on Juxon House. The value of the contract to Techrete, which included design, manufacture and erection of the precast panels, is in the region of £4.5million.

Key features of the project were the very tight joint tolerances, the need to conceal joints and the complex geometry of the units. By using precast panels a

smaller volume of Portland Stone was used on the building creating substantial cost savings compared to the traditional hand-fixed method. The subsequent reduction in weight also reduced the size of the structural frame, achieving additional cost savings. In addition, the prefabrication of the panels allowed for better predictability in the construction schedule and necessitated less scaffolding.

Further information:

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