



Moorgate Exchange

London, United Kingdom



Moorgate Exchange is a striking 344,000 sq.ft. building in the City of London. This commercial development has a green roof, strategic views of St. Paul's and a two-story basement. Designed for large city occupiers, the building creates open plan floor plates and six green-terraced stepped back roof garden tiers. Floating on V columns, it is designed to cantilever the floors over the Cross-rail tunnel beneath. Materials with sustainable properties, such as recycled aggregates in the concrete, were used in the construction process. Recycled rainwater and grey water storage systems have been installed to reduce the amount of potable water used in the toilets and the irrigation system for the 'living' walls on the terraces. The building is one of the first in the UK to achieve both BREEAM Excellent and LEED Platinum ratings.

This Skanska project is an excellent example of how Xypex Admix can be used to simplify the production process of waterproofing and concreting—both to be achieved simultaneously. One of the key influences for the decision making process of adopting the Xypex system as the waterproofing strategy was the total cost saving that was achieved through the whole package.

Site attendance and quality assurance procedures were implemented to ensure a trouble-free installation of the waterproofing. The entire basement is cast utilising Xypex Admix and Xypex Concentrate for sealing the joints.