

Project report

Westfields M7 Roof Garden, Stratford



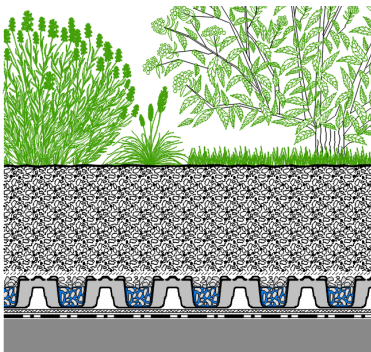
The new screened roof garden offers stunning views and a quiet space to sit and relax.

Conception

The Project M7 is a new build commercial office development accommodating the new HRMC offices amongst others. It is situated within the Westfield Stratford City in the West of London. The 12-storey building is crowned with a screened roof garden, that enjoys outstanding views to the Queen Elizabeth Olympic Park and the London Skyline. The roof garden is characterised by its modern and stylish linear design and planting scheme. The prairie-like selection of plants com-

binning a variety of ornamental grasses, shrubs and ground-covering plants creates a special and tranquil atmosphere. Construction restrictions allowing for only shallow soil depths were a major challenge. For this reason the "Roof Garden" build-up with Floradrain FD 60 neo with its high water storage capacity was chosen to ensure sufficient water supply. In addition, planters were installed for those species requiring greater substrate depths.

System Build-up



Vegetation

Roof garden substrate

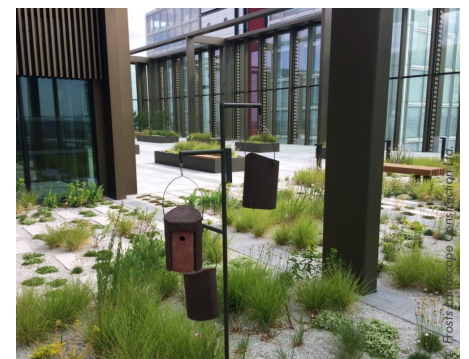
Filter Sheet SF
 Floradrain® FD 60 neo with infill
 Protection Mat ISM 50
 Roof construction with root-resistant waterproofing

Project data

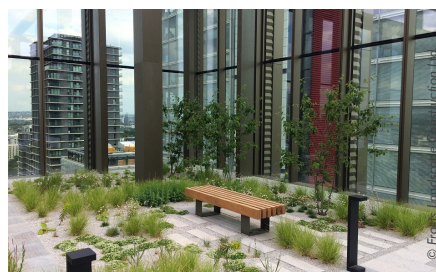
Area: approx. 1,400 m²
 Construction Year: 2019
 Owner: Westfield Europe Development Ltd.
 Architects: Gillespies LLP, London
 Contractor: Frosts Landscape Construction Ltd.
 System build-up: "Roof Garden" with Floradrain® FD 60 neo
 Coordinates: 51°32'33.4"N 0°00'33.2"W



Floradrain® FD 60 neo with high water storage capacity is the core piece of the "Roof Garden" system build-up used.



Due to the shallow build-up height required, prairie-style grass and ground cover planting were chosen in combination with stepstones and granite pavement. Benches and bird boxes served to complement this tranquil space.



This stylish roof garden with various seating areas provides stunning views to the Queen Elizabeth Park and the London Skyline. The vegetation will grow into its surrounding as the plants mature and will create a special green oasis 76 m above sea level.

