

# Project Report

## Battersea Power Station, London



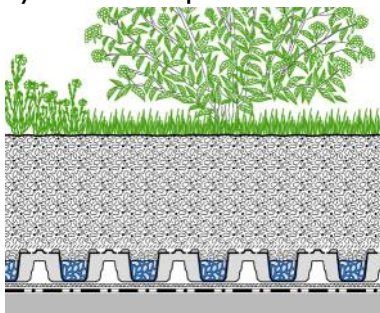
From the Thames Embankment, there is a wonderful view of the renovated façade of Battersea Power Station.

### Conception

Battersea Power Station is located on the south bank of the River Thames, in an inner-city district in South West London. The two electric power stations integrated in one building were in operation until 1975 and 1983. After a long period of vacancy, and several false starts, redevelopment of the site into a new central London neighbourhood is well underway now. With the chimneys and turbine halls remaining the dominant features of the Grade II listed building, the Power Station's character has been retained and has made it an extraordinary project. It is a mixed-use development providing residential space as well as shops, offices,

restaurants and leisure space built in 8 phases. In phase two finished end of 2021, the ZinCo system "Roof garden with FD 60 neo" was used for the hard and soft landscaping scheme in front of the Power station building. This is a massive podium deck and below ground there is the equivalent of a 6 storey high 'excavation' which houses the entire energy plant for the Battersea redevelopment complex. Thanks to its high water retention capacity FD 60 neo is the ideal solution to allow for a balanced water-air supply, to drain off excess water and at the same time store sufficient water especially if no additional irrigation is provided.

### System Build-up



Lawn, perennials, with deeper substrate layers also shrubs and small trees

System Substrate "Roof Garden"

Filter Sheet SF

Floradrain® FD 60 neo infilled with Zincolit® Plus Protection Mat ISM 50

Roof construction with root resistant waterproofing



Hard and soft landscaping was installed on the podium deck in front of the Power Station using a FD 60 neo build-up. This has created vast recreational areas merging into 6 acres of riverfront park along a stretch of the river Thames which has not yet been accessible to the public.

### Project Data

Area: ca. 11.000 m<sup>2</sup> (phase 2)

Construction Year: 2021

Architect:  
Wilkinson Eyre

Landscape Architect:  
LDA Design

Contractor:  
Maylim Ltd.

System Build-up:  
"Roof Garden" with Floradrain® FD 60 neo

Coordinates:  
51°28'55.0"N 0°08'40.1"W



A modern vegetation concept using a great variety of drought resistant grasses was implemented in



the area between the old Power station building and phase 1 Circus West Village completed in 2017.



Shops, restaurants, cafés, offices, and leisure facilities provide everything residents might need.

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