



The rooftop farm of Zuidpark can be used both for lunch and for corporate events.

Project Data

Area: ca. 3.000 m²

Construction Year: June 2012

Design and installation of the Roof Garden:
Biet & Boon, Amsterdam

Contractor:
Van der Tol b.v., Amsterdam

System Build-up:
"Urban Rooftop Farming" with Floradrain® FD 40-E and "Sedum Carpet" with Fixodrain® XD 20

Coordinates:
52°19'52.42"N 4°55'20.32"E

Conception

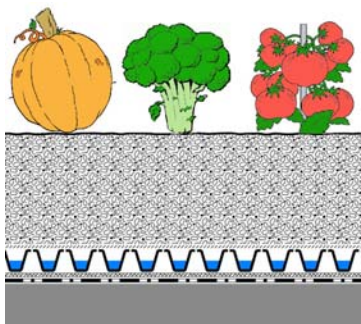
The "Zuidpark", originally dating from the 70ies, consists of two office buildings and was renovated completely and adapted to today's technical standards in 2012. The parking lots in front of the complex are even equipped with a charging station for electric cars. Besides these aspects, the flat green roof plays an important role regarding sustainability. Fruits and vegetables are being grown on

the approximately 30 x 100 m large roof. The staff of this commercial complex has the possibility to grow and maintain their own fruits and vegetables on one part of the roof surface. On the rest of the surface, vegetables are also being grown, which are used in the company canteen. Here the system build-ups "Urban Rooftop Farming" on the proven Floradrain® FD 40-E element as well as "Sedum Carpet" with Fixodrain® XD 20 have been applied.



Even herbs, such as the beautifully flowering borage are growing in the small vegetable gardens of the rooftop farm.

System Build-up



- Plant layer
- System Substrate "Lawn", ca. 200-250 mm
- Filter Sheet TG
- Floradrain® FD 40-E
- Protection Mat SSM 45
- Roof construction with root resistant waterproofing



The green roof can be seen perfectly from the offices of the higher opposing building - a welcome change in an area predominated by industrial buildings.

Development



The system build-up "Sedum Carpet" with Fixodrain® XD 20 was applied between the skylights ...



... whereas the build-up "Urban Rooftop Farming" including FD 40-E was applied on the raised planting beds.



Shortly after the completion of the roof area, the extensively vegetated areas in the foreground.