

Project Profile Data

Rooftop Farm in Zuidpark, Amsterdam, Netherlands



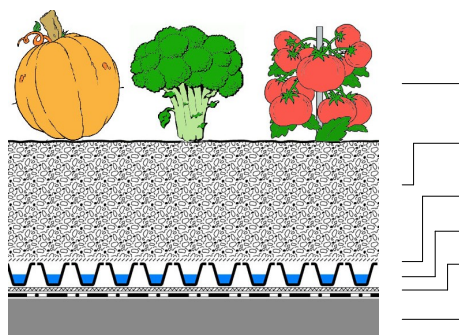
The rooftop farm of Zuidpark can be used for both, for lunch and for corporate events.

Conception

The "Zuidpark", originally dating from the 70ies and consisting of two office buildings 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 grown on the approxi-

mately 100 x 330 ft. (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 grown and 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 were applied.

System Build-up



- Plant layer
- Growing media Zincoblend
ca. 8-10 in. (200-250 mm)
- Filter Sheet TG
- Floradrain® FD 40-E
- Protection Mat SSM 45
- Roof construction with
root resistant waterproofing

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 plant- ing beds.



Project Data

Area: ca. 32,300 sq. ft. (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



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



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



In the foreground: The areas with extensive green roof vegetation shortly after completion .