

Fruit trees make reference to the former use of the park as a market place for flowers, fruits and vegetables.

Project Data

Area: ca. 9.000 m²

Construction Year: 2018

Landscape Architect/Planner:
1:1 Landskab ApS

Project Development:
FB Gruppen A/S

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

Coordinates:
55°39'18.2"N 12°30'19.0"E

Conception

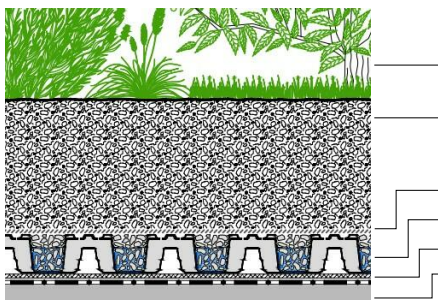
Grønttorvet is a modern residential district in Valby, Copenhagen, scheduled to be completed by 2025. It comprises approx. 2.200 affordable mixed-use apartments, plus shops, cafés and office space. A large park covering the area of approx. four soccer fields forms the heart and meeting point of the district. It is situated on top of the central underground garage, a crucial element of the general traffic concept of the district. Until 2016, the whole area was a market place for Copenhagen's florists and

greengrocers. Reference has been made to this past by planting approx. 250 fruit trees in the park which can be harvested by park visitors. Also the new buildings have been named after the flowers once sold there. And even concrete and brick remains of former buildings of the place have been treated so that they could be used as a sub-substrate in the green roof system build-up. The lawn provides additional free space to play or have a picnic, and the promenade connects the park to the adjacent properties.



Grønttorvet park is situated on top of a large underground garage.

System Build-up



Vegetation Layer

ca. 450 mm System Substrate "Roof Garden" on top of ca. 450 mm locally sourced sub-substrate

Filter Sheet SF

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

Roof construction with root resistant waterproofing

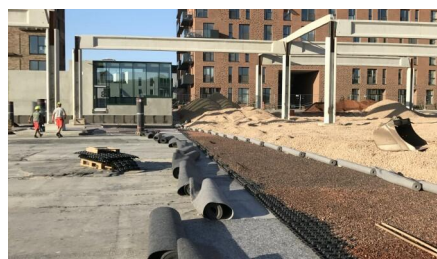


View of the evolving district and realization of Grønttorvet park.

Development



The drainage element Floradrain® FD 60 neo is laid onto the Protection Mat ISM 50.



The Floradrain® elements are infilled and then covered with the Filter Sheet SF.



The system build-up is designed for high loads and can be driven over by excavators.