



# Project Profile Data

## Private Roof Garden, Peristeri, Athens, Greece



The roof garden is a green island in the densely built urban landscape.

### Project Data

Area: 2,600 sq. ft. (240 m<sup>2</sup>)

Construction Year: 2003

Landscape architect:  
Heli Pangalou

System Build-up:  
Floradrain® FD 40-E with Lawn and  
Shrubs

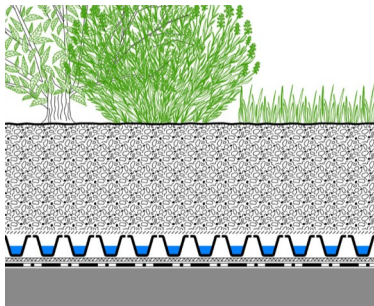
Coordinates:  
38°00'45.43"N 23°42'44.59"E

### Conception

An existing roof terrace of a private property in the Peristeri district of Athens was redesigned into a sophisticated roof garden. Such a green oasis has several advantages. On the one hand, the roof garden offers variety, is a great benefit to the eye and is an oasis of nature in the middle of the city. On the other hand, the "green roof" has a cooling effect. The drainage

element Floradrain® FD 40-E was used as base which drains away excess water from the roof during territorial rains. An integrated automatic drip irrigation system in the planting beds ensures adequate water supply for the plants. In addition the lawn area is sprinkled time by time. The green roof area as such provides balanced temperatures in both summer and winter times.

### System Build-up



- Plant layer with Lawn, Shrubs and Trees
- Growing media Zincblend
- Filter Sheet SF
- Floradrain FD® 40-E
- Protection Mat ISM 50
- Roof construction with  
root resistant waterproofing



The terrace before reconstruction...



The roof garden was planted with lawn, shrubs and trees.



The roof garden shortly after completion in 2003.



Two years later, the lawn and the rhododendron have established well.



A metal profile separates the terrace from the rest of the roof.

