

Project Report

"The Jungle", Palma Aquarium, Mallorca



The "Jungle" is located on top of a roof.

Conception

This subtropical Jungle situated on the roof of the Aquarium in Palma de Mallorca was finished in 2007. To visitors, it presents itself as a botanical paradise with waterfalls, ponds and rock walls. The air humidity is increased artificially to create the ideal microclimate for the tropical and subtropical plant species and make them flourish in a semi arid environment, with cold winters and hot sum-

mers. A robust custom-tailored ZinCo build-up was necessary to cope with the dense jungle planting and its extremely invasive tree roots, as well as with the elevated walkways, ponds and artificial rock walls. Furthermore, the proximity of the coast called for wind and salt tolerant species that were planted at the upper periphery, protecting the lower subtropical species and preserving the microclimate.

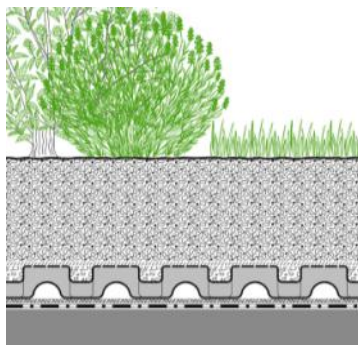
Project Data

Area: ca. 700 m²
Construction Year: 2007
Architect/Design:
Natural Selection
Contractor:
Llabres Feliu
System build-up:
"Roof Garden" with Floradrain® FD 60
Coordinates:
39°31'54.44"N 2°43'46.23"E



View over the "Jungle" with its big plants and the waterfalls.

System Build-up



- Plant layer
- System Substrate
- Filter Sheet SF
- Floradrain® FD 60 infilled with Zincolit® Plus
- Protection Mat ISM 50
- Root Barrier WSB 80-PO
- Roof construction with waterproofing



Hard to believe we're here on a roof!

Development



Installation of the root barrier WSB 80-PO.



Delivery of substrate on top of the Filter Sheet SF.



Planting of the jungle.

