

Project Report

Garages with green roofs, Sa Tuna-Begur



The garages with green roofs with a stainless steel rail in Sa Tuna-Begur.

Project Data

Area: 450 m²

Construction Year: 2007

Landscape architect:
Martí Franc, Barcelona

Greenroof Provider:
Massoni S.L., Sant Boi de Llobregat
(Barcelona)

Contractor:
Jardineria S.L., Terrassa

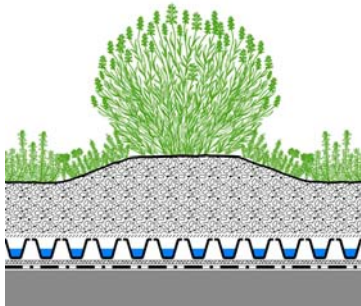
Coordinates:
41°57'20.44"N 3°13'25.83"E

Conception

The architect intended to demonstrate with this concept how to integrate a garage with a green roof using native plants into the landscape of the Costa Brava, what was obviously managed well. He uses the native lawn species "Zoysia",

which is very robust and can withstand long dry periods together with bushes from the family of "Punica granatum" and "Olea europea". An automatic drip irrigation keeps the system green, also during extended drought in summer.

System Build-up



- Plant layer
- System Substrate
- Filter Sheet SF
- Floradrain® FD 40-E
- Protection Mat SSM 45
- Roof construction with root resistant waterproofing



The beautiful flowering plants after about one year.



The stainless steel rail protects against falls from the accessible garage roof area.

Development



The already installed Protection Mat SSM 45.



The Filter Sheet SF was placed on the drainage element Floradrain® FD 40-E.



The automatic irrigation system was installed on top of the System Substrate.

