



The green covered pavilions of the Amanzoe hotel complex harmoniously blend into the surroundings.

Project Data

Area: ca. 8.000 m²

Construction Year: 2011-2012

Architect/Design:
Edward B. Tuttle, Paris

Contractor:
Domotechniki S.A., Thessaloniki

System Build-ups with Floradrain®
FD 40-E, FD 60 and Elastodrain®
EL 202

Coordinates:
37°22'11.92"N 23°6'57.50"E

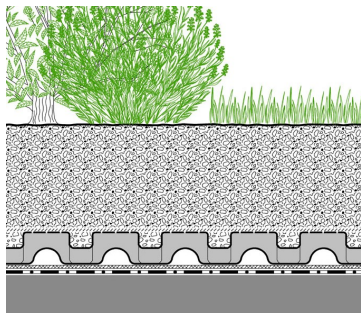
Conception

On the Greek peninsula of Peloponnese, a hotel complex was laid out in untouched landscape, which, thanks to its unique hillside offers spectacular views of the country-typical olive groves and the bright blue Aegean Sea.

The design of the luxury resort is strongly influenced by classical Greek architecture, yet it is modern in its attitude and construction techniques. In order to perfectly integrate the 38 freestanding pavilions and a variety of

Aman residences into the surroundings, their flat roofs were provided with greenery. Its character was largely orientated to the given natural vegetation. Due to the climatic conditions, all planted areas were provided with drip irrigation. On the pavilion roofs system build-ups based on the Floradrain® FD 40-E element were installed, on more intensively used surfaces Floradrain® FD 60 or even Elastodrain® EL 202 were applied.

System Build-up



- Plant layer
- System Substrate, 250–1000 mm
- Filter Sheet SF
- Floradrain® FD 60 infilled with Zincolit® Plus
- Protection Mat ISM 50
- Roof construction with root resistant water proofing



Floradrain® FD 60 elements were applied and infilled with Zincolit® Plus on this entire roof surface, also in the plant troughs which were meant for olive trees.



The roofs were predominantly planted with aromatic herbs and small shrubs,



... but also with grasses which are typical for this region and can cope with the heat very well.



The room for root development of the olive trees was extended by special planting troughs.