

ELEON GRAND RESORT & SPA

Project information

LOCATION: ZANTE

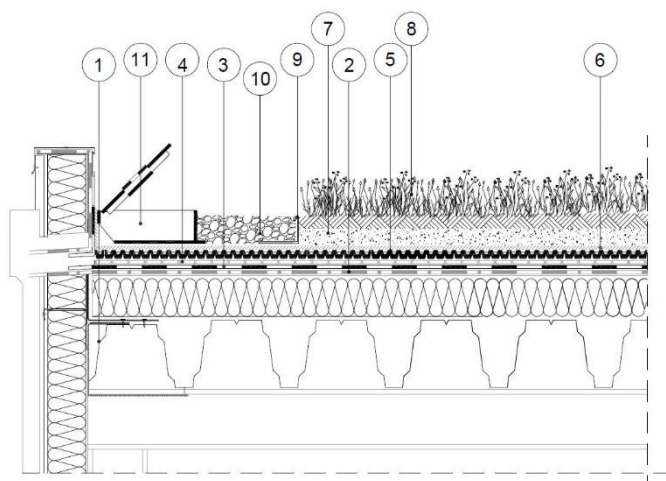
ARCHITECTURAL DESIGN: ZOE KOTSABASI

GREEN ROOF DESIGN: PRASINI STEGI-DIADEM GREEN ROOF SYSTEMS

YEAR OF IMPLEMENTATION : 2010

Description

The study of the architect for the Hotel Eleon Grand Resort & spa aimed at the harmonious integration of the green roofs with the surrounding landscape, planting and topography. Extensive type **DIADEM-150**, with **diadrain-25H** drainage, was selected for the construction of the green roof infrastructure. The special design of the **Diadrain-25H** allows the maximum amount of water to be retained and gradually absorbed by the plants, while also allowing the root system to properly ventilate, and as such is best suited for the dry-weather conditions of the Mediterranean climate during the summer months. **DIADEM** Roofing Infrastructure Systems are **EOTA** European Technical Assessment Certified under **ETA Approval 17/1015**.



1. Building construction
2. Waterproofing membrane
3. Antiroot membrane FLW-400
4. Moisture retention & water protection mat VLS-500
5. Drainage board DiaDrain-25H
6. Filter sheet VLF-150
7. Growing media SEM
8. Vegetation
9. Edging element KLS AL 8/12
10. Gravel
11. Inspection box KSA-10

