



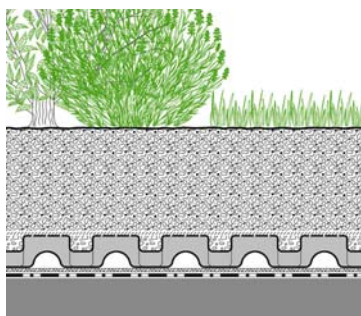
The roof garden of the Comturey Restaurant offers visitors an overwhelming view of Lake Constance.

### Conception

Visitors who take the boat across Lake Constance towards the Mainau Island, or the 'Flower Island' as it is called, will be welcomed at the harbour by a newly designed entrance. Overlooking the Baroque castle and the medieval tower Comturey the eye sweeps over a newly built single-story restaurant building, with trees and shrubs well visible on its rooftop. Most of the Mainau visitors will fully experience this garden on

their way from the harbour to the castle. The design was the result of an architectural competition. On top of the zero-degree roof construction the system build up "Roof Garden" based on the drainage element Floradrain® FD 60 was applied. The weight of the green roof build-up played an exceptional role in the construction as it contributes to the building withstanding the slope pressure.

### System Build-up



- Plant layer
- System Substrate "Lawn"
- Filter Sheet SF
- Floradrain® FD 60 infilled with Zincolit® Plus
- Protection Mat ISM 50
- Roof construction with root resistant waterproofing

### Development



The drainage and water storage element Floradrain® FD 60 makes sure that the overall roof area is being drained properly via its two narrow edges.



Paths and planting areas during the landscaping works.



The completed green roof about three months after the opening.

### Objektdaten

Area: ca. 1.500 m<sup>2</sup>  
 Construction Year: 2014  
 Client:  
 Mainau GmbH, Insel Mainau  
 Architects:  
 Hein Architekten, Bregenz  
 Steinmann Landschaftsarchitektur,  
 Winterthur  
 Landscape Design:  
 Planning Department of the Mainau GmbH  
 Contractor:  
 Schellhammer & Söhne GmbH,  
 Mühlhausen-Ehingen  
 Coordinates:  
 47°42'18.03"N 9°12'2.15"E



The draft plan shows how the roof garden is integrated into the surrounding landscape. A path which is accessible even with smaller maintenance vehicles crosses the entire roof.



Custom-made guardrails were installed on the ZinCo Guardrail Bases all along the atriums and any other edges.

