# **Project Report**

# Comturey Restaurant, Mainau Island



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

Plant layer

Filter Sheet SF

System Substrate "Lawn"

Floradrain® FD 60 infilled with Zincolit® Plus Protection Mat ISM 50

Roof construction with

root resistant waterproofing

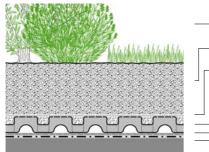
#### Conception

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



#### Development



The drainage and water storage element Floradrain<sup>®</sup> 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.

### 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.



The completed green roof about three months after the opening.



## ZinCo Green Roof Systems Ltd.

St. John's Innovation Centre · Cowley Road · Cambridge CB4 0WS · Great Britain Phone +44 (0)1223 853843 · Fax +44 (0) 2031 631915 office@zinco-greenroof.co.uk · www.zinco-greenroof.co.uk