

Project Report

Golf Course on a Roof, Birkenwerder



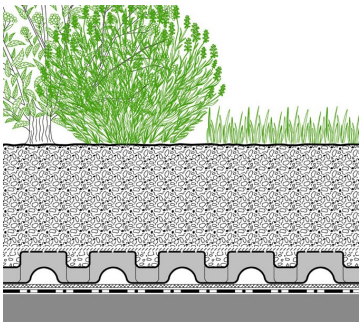
The small paved area makes for a smooth transition between the water features and the putting green.

Conception

The businessman's enthusiasm for golf inspired the architect when planning this company headquarters and finally he convinced even the owner himself. As a result today there is a putting green right in front of the meeting room which invites for playing - either alone or together with business partners. The sand bunker in the rear part of the course on the roof makes the game more diversified and a little bit more challenging. The two granite water features with fountains form a smooth transition

from the terrace to the lawn. The system build-up is made up by the drainage element Floradrain® FD 60 and the Filter Sheet SF laid over the entire roof surface. The growing medium was enriched with a certain portion of river sand to increase its water permeability and thus to meet the special requirements of the golf lawn by avoiding any kind of water logging. The intensive green roof areas are equipped with an underground irrigation system.

System Build-up



- Plant layer with perennials, shrubs and trees
- System Substrate "Roof Garden"
- Filter Sheet SF
- Floradrain® FD 60, infilled with Zincolit® Plus
- Protection Mat ISM 50
- Roof construction with root resistant waterproofing



This three-hole golf course invites to play not only during lunchtime.



The sand bunker in the rear part of the roof makes the game more challenging.

Project Data	
Area:	ca. 1.400 m ²
Construction Year:	1996
Architect/Design:	Giese + Giese Architekten, Bremen
Genral contractor	Walter Bau AG, Berlin
Contractor:	Fa. Bolte
System Build-up:	"Roof Garden" with Floradrain® FD 60
Coordinates:	52°41'52.04"N 13°16'14.73"E



Unexpected sports activities take place on the 15 m high roof of this administrative headquarters of a company in Brandenburg.



A colourful mix of Forsythia, Weigela, Buddleia and Amelanchier surrounds the small golf course and acts also as a windbreak.



The hedge surrounding the golf course on the roof has become a paradise for birds.

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