

Project Profile Data

"Deutschlandradio", Cologne, Germany



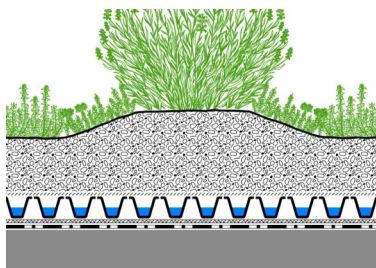
The large courtyard was furnished with art objects surrounded by lavender and shrubs.

Conception

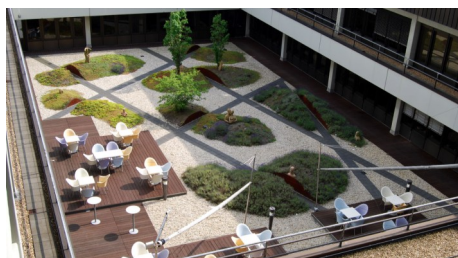
The foundation of today's public radio broadcaster "Deutschlandradio Köln" was a special chapter in the German broadcasting history. In 1994 three formerly independent broadcasting stations were united to the German international broadcaster "Deutschland-radio". The rooftop of the Deutschlandradio"-building was vegetated extensively. The system build-up "Ornamental Sedum" with the proven

drainage element Floradrain® FD 25-E was perfectly suitable for this purpose. For the two courtyards the system build-up "Perennial Garden" was used including the drainage element Floradrain® FD 40-E. Apart from ground covering perennials the plant community "Perennial Garden" includes accents such as fragrant herbs as and small shrubs like thyme, oregano and lavender.

System Build-up in the Courtyard



- Plant layer "Perennial Garden"
- Growing media Zincoblend
- Filter Sheet SF
- Floradrain® FD 40-E
- Protection Mat SSM 45
- Roof construction with root resistant waterproofing



The large courtyard was provided with a wooden deck and seating-accommodations for the employees.



In the small courtyard planters with trellises were provided for various climbers.



Project Data

Area:

- Roof: ca. 36,600 sq. ft. (3,400 m²)
- Courtyard: ca. 9,150 sq. ft. (850 m²)

Construction Year: 2004/2006

Architect/Design:

- Roof area: IFBA GmbH, Cologne
- Courtyard: S.I.C. Ingenieur Consult GmbH, Cologne

Contractor:

- Roof area: Balan GmbH, Datteln
- Courtyard: Gartenhof Küsters, Neuss

Coordinates:

50°54'09.03"N 6°57'35.92"E



The former broadcasting buildings of the „Deutsche Welle“ are visible in the background. The red building used to be the studio tower and the blue one the office tower.



The flowering roof area in the summer of 2010, about four years after the installation of the green roof.