

Project Profile Data

WGV-Insurance, Stuttgart, Germany



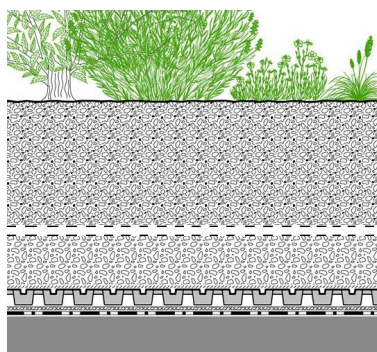
The green courtyard with planters made of glass fiber reinforced plastic.

Conception

In 2008 the new building of the WGV-Insurance has been opened in Stuttgart. Since then customers and employees of the WGV have enjoyed the beautiful courtyards which contribute to a good working environment. The approx. 3.6 ft. (1.1 m) high, built-in planters have been provided with an auto-

matic irrigation system with the irrigation pipes installed below the elevated concrete slabs. The four courtyards have been planted with a total of 58 small crowned trees. In addition, several extensive green roof areas of approx. 21,600 sq. ft. (2,000 m²) total were installed to improve the Stuttgart climate.

System Build-up



- Plant layer (shrubs, perennials)
- Growing media Zincoblend
- Mineral sub-substrate
- Filter Sheet TG
- Stabilodrain® SD 30
- Protection Mat ISM 50
- Roof construction with root resistant waterproofing

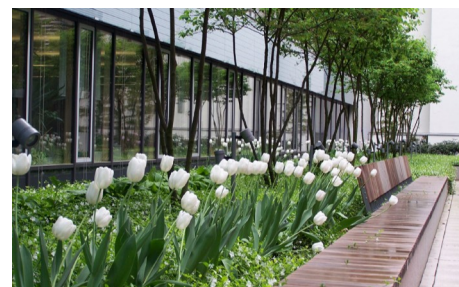
Development



Under the elevated concrete slabs was enough space for the irrigation pipes.



The ZinCo ballast held fall protection system was installed on the upper green roof area.



...and during the first tulip blossom in spring 2009.



Installation of the Stabilodrain® SD 30 elements in an inner courtyard.



Project Data

Area:

- Courtyard: 17,800 sq. ft. (1,650 m²)
- Roof: 21,600 sq. ft. (2,000 m²)

Construction Year: 2008

Architect/Design:

Kunder³ Landscape Architecture, Stuttgart

Contractors:

- Courtyards: Uecker + Pfaff GmbH
- Roof areas: Garten Moser, GmbH & Co. KG

System build-ups with Stabilodrain® SD 30, Elastodrain® EL 202, Elefeet, and others

Coordinates:

48°46'08.65"N 9°10'20.86"E