

Project Profile Data

Community Hospital, Esslingen, Germany



Project Data

Area: ca. 14,000 sq. ft. (1,300 m²)

Construction Year: 2001

Architect:
HPP Laage + Partner Planungs-
gesellschaft mbH, Stuttgart

Planning:
Stadt Esslingen Stadtplanungsamt
Technisches Rathaus

Contractor:
Wohnbau Spieth GmbH & Co. KG,
Esslingen

Coordinates:
48°44'13.35"N 9°19'35.29"E



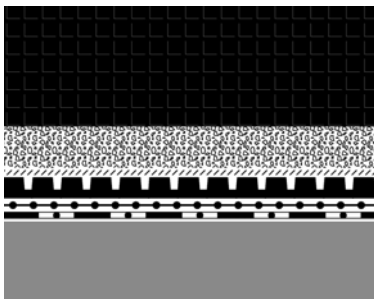
The newly designed driveway to the Community Hospital in Esslingen.

Conception

The "Community Hospital Esslingen" is a modern hospital for central health supply. Underneath the access to the hospital and the main entrance there are further medical facilities as well as a corridor to the central kitchen. This area has been completely redesigned in 2003 with an intensive green roof area.

In order to implement the new access road and the adjacent walkways with a thin build up, the extremely strong drainage element Elastodrain® EL 202 was used. The planting beds were implemented with the system build-up "Perennial Garden" on the drainage element Floradrain® FD 40-E. A drip irrigation supplies the vegetation with water.

System Build-up



- Asphalt
- Base and levelling Layer
- Filter Sheet PV
- Elastodrain® EL 202
- Slip Sheet TGF 20
- Roof construction with root resistant waterproofing

Development



Installation of the Elastodrain® EL 202 under the hospital driveway.



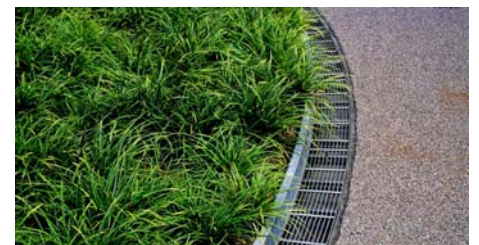
On the substrate surface the water hoses of the drip irrigation can be seen.



Planting beds, a water feature as well as walkways and driveways were installed on top of the hospital's basement.



A small park was created in front of the main entrance to the hospital.



Gutters were installed in the transition between the planting bed and the driveway.