



The attractively designed, about 2.500 m² large courtyard invites the visitor to linger.

Project Data

Area: ca. 2.500 m²

Construction Year: 2009

Architect/Design:
INBO Architecten, Amsterdam

Contractor:
Smink, Amersfoort

System Build-up:
"Driveway" with Stabilodrain® SD 30

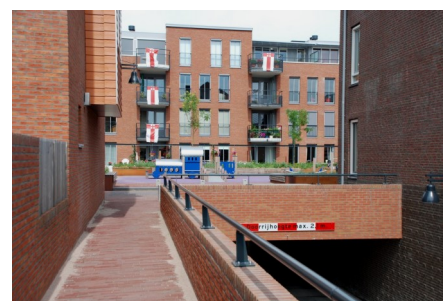
Coordinates:
52°9'2.05"N 5°22'58.02"E

Conception

The residential complex "Weltevreden" in Amersfoort is located near the city center and consists of 124 residential units, commercial areas and a two-story parking garage. The single residential units can be accessed via the courtyard. To allow for accessibility by cars for urgent cases a system build-up based on the heavy-duty drainage element Stabilodrain® SD 30 has been chosen. The element was

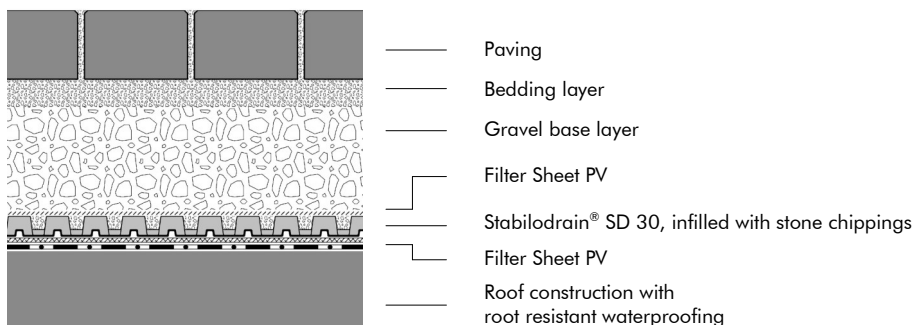
installed on the entire roof surface, even in the vegetated areas. Then it was covered with the highly resistant System Filter TG.

The planting beds with shrubs and trees have different dimensions and are bordered with Corten steel. In some parts of the courtyard there are benches. To realize the architect's concept of a harmonious courtyard paving slabs in brown and terracotta shades have been applied.



A two-story parking garage with its entry is situated below the entire courtyard. Due to the buildings which surround the courtyard from all sides it is well protected from street noise.

System Build-up



The decking of the parking garage can be driven on safely due to the extremely stable and highly pressure resistant drainage element. Thus long lasting functionality is guaranteed.

Development



On top of the root-resistant roof construction of the parking garage the system build-up "Driveway" based on the drainage element Stabilodrain® SD 30 has been applied. This drainage element is quick and easy to be installed.



A glass staircase leads from the underground parking garage to the top.

