# **Project Report**

# Weltevreden, Amersfoort



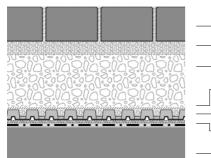
The attractively designed, about 2.500 m<sup>2</sup> large courtyard invites the visitor to linger.

## 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<sup>®</sup> SD 30 has been chosen. The element was

## System Build-up



## Development





installed on the entire roof surface, even

in the vegetated areas. Then it was cov-

The planting beds with shrubs and trees

have different dimensions and are bor-

dered with Corten steel. In some parts of

the courtyard there are benches. To real-

ize the architect's concept of a harmoni-

ous courtyard paving slabs in brown and

Stabilodrain<sup>®</sup> SD 30, infilled with stone chippings

terracotta shades have been applied.

ered with the highly resistant System

Filter TG.

Paving Bedding layer Gravel base layer Filter Sheet PV

Filter Sheet PV Roof construction with

root resistant waterproofing

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

#### **Project Data**

Area: ca. 2.500 m<sup>2</sup>

**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



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.



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.



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



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