



The children's zoo situated within the residential area of Osdorp attracts both young and old.

Project Data

Area: 175 m²

Construction Year: 2014

Building Owner:
City of Amsterdam

Architect/Design:
Olaf Gipser Architects, Amsterdam

System Build-up:
"Pitched Green Roof" with Floraset® FS 75

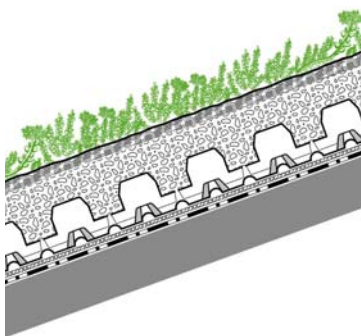
Coordinates:
52°21'32.78"N 4°47'28.27"E

Conception

The Botteskerkpark in Osdorp, Amsterdam, fulfills important recreational and social functions. It is a place where residents meet and it contains the children's farm "De Dierenweide". This is a place where children can pet and play with animals such as goats, sheep, pigs, chickens, rabbits, geese, etc. The reception pavilion and some of the buildings for the animals needed to be replaced. The roofs of the animal's sheds

were planned with a big overhang in order to create outdoor shelters. In order to create architectural harmony, the reception pavilion containing offices, a multipurpose room, dressing rooms and a small kiosk, was equipped with a large canopy on one side, too. The pitched green roof refers to the nature related function and was realized with the ZinCo system build-up "Pitched Green Roof" with Floraset® FS 75.

System Build-up



- Pre-cultivated Vegetation Mats "Sedum Carpet"
- System Substrate "Sedum Carpet"
- Floraset® FS 75
- Protection Mat BSM 64
- Roof construction with root resistant waterproofing

Development



The shear forces exerted by the green roof build-up are being derived into the roof structure via a slotted eaves profile and shear brackets.



After leveling the substrate layer, the vegetation mats were applied.



The landscaped building blends perfectly into its surroundings.



About one year after completion of the planting works.



The pre-cultivated vegetation mats allow for an immediate green effect.

