



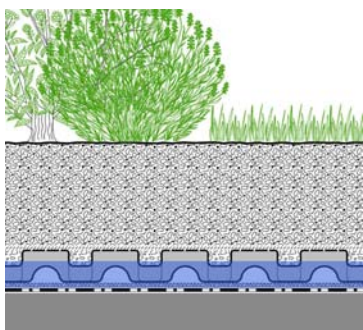
Corten steel boundaries separate the soft shapes of the planting areas from the wooden deck.

Conception

Situated in the new Uppsala district Rosendal, "Smaragden" is a new housing development which was completed in 2015. As the Danish Architects Christensen & Co. focused on an ecological and sustainable construction, the building has got an even visible environmental profile. One of its most striking features is the greenery you can find everywhere. Not only that the building is located in the immediate vicinity of the city forest, the greenery penetrates the whole building from the ground to the roof. All the 115

small but modern apartments are sized between 23 and 48 square meters and are flooded with natural daylight. The upper and top floor units are equipped with French balconies or private roof gardens whereas the ground floor units have private terraces with big planters for vegetables or other vegetation. On the parking garage there's a shared circumferential terrace consisting of a generous wooden deck and vegetated areas. It allows for informal gatherings, parties or relaxation and has a splendid view of the adjacent tennis courts.

System Build-up



- Plant layer
- System Substrate "Roof Garden"
- Filter Sheet SF
- Floradrain® FD 60 infilled with Zincolit® Plus
- Protection Mat ISM 50
- Roof construction with root resistant waterproofing



Moveable public furniture can be arranged freely near one of the fixed barbecue places. The colour and character of the lightning and equipment was carefully selected.



Geranium x cantabrigiense 'Biokovo' prosper in sunny or semi-shade warm areas and form a dense light rose carpet.

Project Data

Area: ca. 600 m²

Construction Year: 2015

Architect/Design:
Christensen & Co. Architects A/S,
Copenhagen

Landscape Architect: Karavan
landskapsarkitekter AB, Uppsala

System Build-up:
"Roof Garden" with Floradrain® FD 60
and with water dam-up

Coordinates:
59°49'53.63"N 17°38'0.99"E



The rendering of the architects shows, that all the horizontal areas will be covered with greenery.



The ground floor now houses a restaurant.



The public areas are planted with various sorts of crop plants like fruit trees and berry bushes.

