



The completed Roof Garden with its widespread view onto the Dnieper River.

## Conception

The boathouse belongs to a group of private residential buildings located in the country near the city of Dnepropetrovsk. By creating this beautiful green roof on the Dnieper riverside the owner has realised a long-nurtured dream.

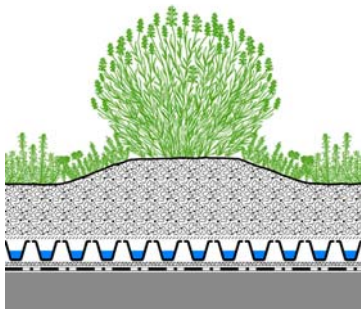
The green roof on the boathouse enriches the landscaped surrounding territory that is realized in the same style. So this landscape ensemble (green roof, grounds and nature) provides a picturesque view from the windows of the house.

This roof represents a combination of green areas and terrace decking. Planters on the

roof perimeter are considered to be an additional fall protection measure as the main idea of the green roof was the extension of natural areas for a big family (including four small children) to have rest and relaxation here.

The following ZinCo systems were applied: "Lawn", "Rockery Type Plants" and "Roof Garden" with ZinCo Root Barrier and a continuous drainage layer made up by Floradrain® FD 40-E. Long planters were constructed directly on FD 40-E. For a better aeration of the planters their walls were covered by Floradrain® FD 25-E from the inside.

## System Build-up



- Plant layer according to plant list
- System Substrate
- Filter Sheet SF
- Floradrain® FD 40-E
- Protection Mat SSM 45
- Roof construction with root resistant waterproofing

## Development



The drainage element Floradrain® FD 40-E has been applied on the entire area; the Filter Sheet and the System Substrate respectively the decking with planters have been applied on top.



To improve aeration within the planters their inner walls have been equipped with Floradrain® FD 25-E.



About two months after completion the plants have already developed magnificently.



Shortly after the application of the turf rolls and the planting of the single planters.



The System Substrate has been transported onto the roof by means of BigBags.