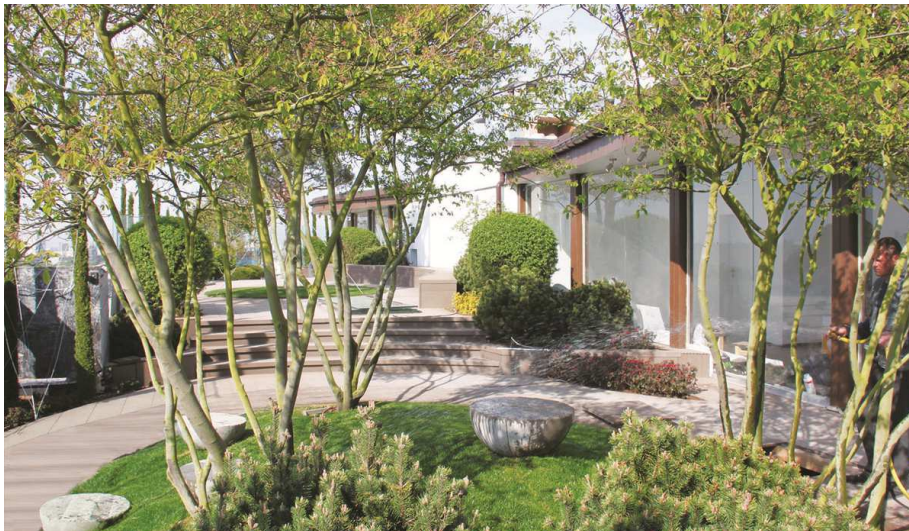


Project Report

Royal Tower, Kiev



Depending on their depth of growth, various lawns, perennials, shrubs or small trees were planted.

Project Data

Area: ca. 700 m²

Construction Year: 2016

Client:
Poznyaki Zhilstroy

Landscape architect:
Landscape Design Pro

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

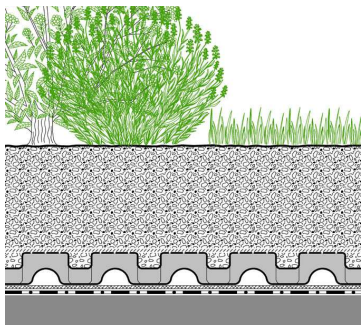
Coordinates
50°26'5.71"N 30°30'44.48"E

Conception

In the middle of historical Kiev the newest apartment complex with a private rooftop garden was built. The roof of the one of the highest buildings in the city centre is situated on the 32nd floor of the Royal Tower residential building and seems to be a private park between the clouds. The idea of the landscape architect was to add a new layer as an unusual alternative to a missing local area around the building. The space was planned for

outdoor recreation in the warm season and, of course, a panoramic area with incredible views over the central part of Kiev. Free access to this fabulous place is only open to residents of the complex and their guests. When the garden and green spaces around the private restaurant for the residents was planned, plant selection was carefully considered for seasonal colour variation.

System Build-up



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



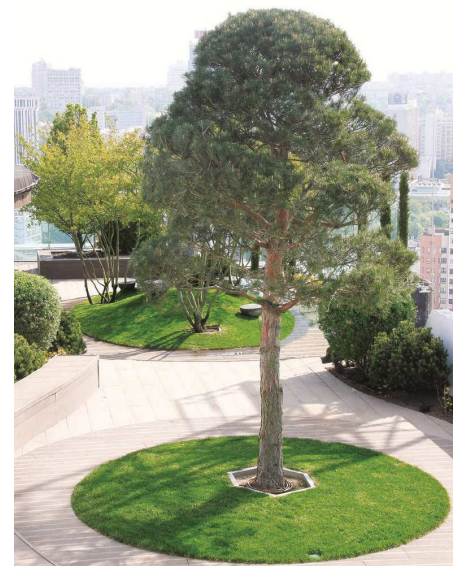
The latest Green Roof Technology enabled tall trees, such as Canadian Shadbushes, pine and maple (3.5–7 m), to be planted. A specially designed technological device which anchors the root ball of the central pine was used.



Outdoor recreation is possible within the city on the 32nd floor.



Incredible view over the central part of Kiev.



The garden centrepiece, a pine over 7 m tall and weighing 5 t.

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