Project Report   Tivoli Congress Centre, Copenhagen

The roof of the Tivoli Congress Centre can be seen in the foreground while the upper right-hand corner shows the landscaped bridge to the Danish National Archives.

Conception

The Tivoli Congress Centre is situated next to the Danish National Archives and the two buildings are connected by a landscaped bridge. The development is planned to be extended towards the southwest, and then even this walkable transition at a dizzy height is to be continued.
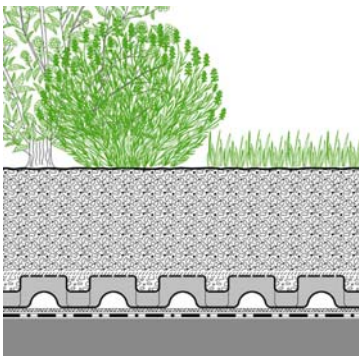
The drainage and water storage element Floradrain® FD 60 has been applied on the entire roof surface on both roof levels, then it was filled with Zincolit® Plus and covered with the System Filter SF. The walkways around the planting beds and the playground were covered with Chinese granite, which was laid in a harlequin pattern. The planting beds were mainly planted with perennials and low-growing shrubs, but also with seasonal plants such as black and white tulips.

This rendering shows the roof of the Tivoli Congress Centre with the transition to the landscaped bridge of the Danish National Archives.

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

At nightfall the complex is illuminated by spotlights which project different light objects onto the roof surface. Hotel guests have a fascinating view from their rooms.

About 60.000 black and white tulips have been planted in the numerous planting beds.

Lavender provides colourful accents within the grasses and shrubs.

The design of the playground which was implemented on a protective rubber mat clearly shows an Asian influence.

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