



Planning Criteria for Vegetation Techniques to be used in Extensive and Intensive Green Roofs

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Short description of the speaker

Bernd W. Krupka: Landscape architect and green roof surveyor, former leader of the FLL working group "green roofs", recognised writer of specialised books, Bad Pyrmont. The knowledge of the potential sources of failure and the consequent observance of guidelines and instructions helps to avoid lacks and damages on green roofs.

Biographical details or background information

In order to establish a foundation for the planning of the vegetation techniques, the structural and technical characteristics of the constructions and roof surfaces in question must be ascertained and evaluated. The earlier the planning of the green roof can be incorporated into the planning of the building as a whole, the greater influence the green roof will have on proceedings. If the type of green roof to be built has already been determined, the existing building situation can result in limitations being placed on the quality of the green roof. In certain cases it is recommended that a risk analysis be performed, particularly where special construction methods are required. In each case it is necessary to formulate and co-ordinate objectives for the green roofs. These objectives will then be modified based on the analysis of the local conditions during the preliminary design stage. The preliminary design is then turned into a detailed implementation plan that can be achieved.