International Green Roof Association Global Networking for Green Roofs



Project Data

Project: HDB-Pilot Project

Client: HDB Housing and Developing Board

Singapore

Location (City, Country): Singapore
Year of Construction: 2003
Roof Size: 650 sqm
Building Type: Parking garage
Green Roof Type: Extensive

Vegetation: Herbs and grasses

Architect/Designer: Contractor: -

"HDB-Pilot Project"

The aim of the pilot project was to establish a modern green roof system build-up. The project requisites were: the implementation of a local extensive green roof system build-up, little requirement of maintenance and up-keep after installation, as well as continual attendance of the contractor.

Lifting the 150 tons of material on the roof was definitely a logistic challenge. The roof construction was strong enough to carry 1.5 kN/sqm. The access roads to the building could only be blocked for a certain amount of time. Nevertheless, to whole installation process was finished after 11 days.





