

Project Report

Pavillon N° 6 "Aguas Compartidas", Zaragoza



The pavillon N° 6 "Aguas Compartidas".

Conception

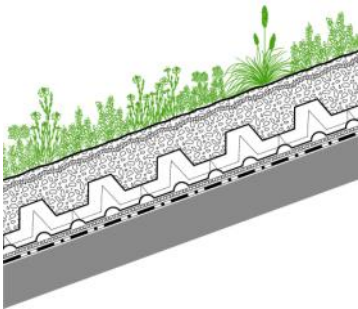
The focus of the world expo in Zaragoza was "Water". Water is the most important element of all life.

In the bowl-shaped roof of the pavilion N° 6 "Aguas Compartidas" the rain water was collected and led in planting beds which turned the whole roof into a thriving roof garden. The steps into the "stainless steel flying saucer" were in the

middle of the building, so that the visitor was only offered the view of the 1.000 m² roof landscape once arrived on the viewing platform.

The entire roof area was designed with the green roof system "pitched roof" with the drainage element Floraset® FS 75, a safe basis for greening the roof with up to 18° slope.

System Build-up



- Plant layer
- Jute Anti-Erosion Net JEG
- System Substrate "Rockery Type Plants"
- Floraset® FS 75
- Protection Mat BSM 64
- Roof construction with root resistant waterproofing

Project Data

Area: ca. 1.000 m²

Construction Year: 2008

Landscape architect:
Teresa Galí Isard, Barcelona

Greenroof Provider:
Ingeniería de Cubiertas Verdes
Barcelona

Contractor:
Vallimper S.A., Terrassa and
Massoni S.L., Sant Boi de Llobregat

Coordinates:
41°40'10.54"N 0°54'04.99"W



Illustrated charts explain the flow of the water.



The stairs descend to an accessible area amidst the green roof.



Impressive views of the spiral-shaped building. Note the geometric shapes of the trails and the deliberately separated planted fields. Even individual plants have their defined space.

