Project Report

Terminal Building, Airport Ibiza

Project DataArea: ca. 3.200 m²

Architect/Design:

Contractor:

Construction Year: 2010

S.L., Palma de Mallorca;





Partial view of the large-scale extensive planting.

Conception

To enhance the visual appearance of the surrounding roof areas and therefore to improve the view from the waiting hall, the operator of the Ibiza Airport decided for a green roof. However, a weight restriction of approx. 95 kg/m² needed to be considered.

Therefore the installers were forced to use a substrate that would guarantee a specific weight of only 850 kg/m³ but at the same time would provide an adequate nutrient supply. The system substrate

that was offered by the ZinCo associated company Cubiertas Ecológicas S.L., met all these conditions. To ensure a balanced water and air supply drainage elements of the type Floradrain® FD 40-E were applied on the entire roof area before.

The photographs prove the success of the works. Shortly after the completion of the landscaping works the vegetation shows a covering of almost 100% - also due to the integrated drip irrigation.

Coordinates: 38°52'31.47"N 1°22'1.85"E

Javier Martinez and Jesús Sansó

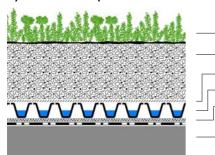
Proyectos Paisajísticos de Baleares

Jardinatura S.L., Terrassa, Barcelona



View from the waiting hall on the large-scale planting.

System Build-up



Plant level

System Substrate, ca. 100 mm

Filter Sheet SF

Floradrain® FD 40-E

Protection Mat TSM 32

Roof construction with
root resistant waterproofing



The roof area a few months after the plug plants have been planted.

Development



Protection mat, drainage elements and filter sheet are ready for installation.



Preliminary work on the roof area to be vegetated.



The roof area just after the application of substrate with BigBags.

