

International Green Roof Association Global Networking for Green Roofs



Project Data

Project:	"Recycling Plant"
Client:	-
Location (City, Country):	Vertresca, Spain
Year of Construction:	1999
Roof Size:	6,300 sqm
Slope:	12°
Building Type:	Industrial
Green Roof Type:	Extensive
Vegetation:	Sedum
Architect/Designer:	-
Contractor:	Aimad, S.L., Madrid

"Recycling Plant"

Designed in Germany, it was decided to construct the recycling plant using as many ecological methods as possible; thereby, keeping in line with its future use. A ZinCo green roof with protection and moisture retention mats, PE drainage elements, and extensive system substrate, all of which were manufactured from recycled materials, were particularly suited to this project.

The roof is almost fully covered by a carpet of Sedums. In Germany, where the climate is more moderate, extensive green roofs are usually not irrigated; whereas, Madrid has a much drier climate and the planners, not wishing to take risks, designed the green roof with an irrigation system. It is anticipated that the system will only be operated for a few days each year.

