

International Green Roof Association Global Networking for Green Roofs



Project Data

Project:	“Underground Garage”
Client:	-
Location (City, Country):	Madrid, Spain
Year of Construction:	1992
Roof Size:	600 sqm
Building Type:	Underground garage
Green Roof Type:	Intensive
Vegetation:	Herbs, bushes and trees
Architect/Designer:	José Martínez Sarandeses, Madrid Maria Medina, Madrid
Contractor:	Texsa, S.A., Barcelona

“Underground Garage”

In the city of Madrid, the climatic conditions are poor, which is in part due to the high degree of sealing. Therefore vegetation between the concrete buildings provides more than just visual benefits. This green roof on top of an underground garage designed by José Martínez Sarandeses with its waterworks has a beneficial effect for the microclimate by cooling and humidifying the surrounding air, and providing shade.

Paths in connection with small bridges make the green roof on the underground garage a genuine experience for the visitor. Waterworks along the acacia avenue create a pleasant freshness. The water supply is ensured by a ZinCo system build-up with dam-up irrigation.

