

# Project Report

## Gran Hotel Monterrey, Lloret de Mar



Hotel access for minibuses and cars on top of a two storey deep underground garage.

### Project Data

Area: 2.160 m<sup>2</sup>

Construction Year: 2008

Architect/Design:  
Carlos Subirà, Lloret de Mar

Contractor:  
Vallimper S.A., Terrassa and  
Jardinatura S.L., Terrassa

Coordinates:  
41°42'17.63"N 2°50'59.26"E

### Conception

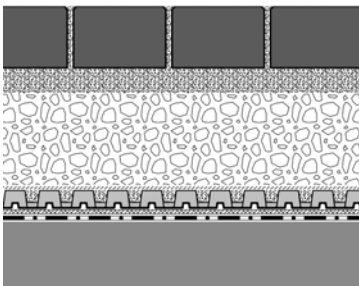
Due to topographical reasons the hotel access was only possible crossing the top of a two storey deep underground garage. This was a technical challenge for the engineers of the ZinCo technical department but also for the contractors Vallimper and Jardinatura. A sufficiently

dimensioned to be created for the heavy load traffic whilst integrating the green areas with the high palm trees. The palm species "Howea forsteriana" grows up to 15 m in height. The remaining green roof area consists of lawn which is irrigated by an automatic system.



The underground garage under construction.

### System Build-up



- Pavers in lime-free bedding layer
- Base layer compacted, 150 mm
- Filter Sheet PV
- Stabilodrain® SD 30
- Filter Sheet PV
- Roof construction with root resistant waterproofing



The same view after completion.

### Development



Curb between driveway and green zone.



Application of gravel with a wheel loader.



Applying the base layer.

