



The roof garden on top of the underground parking in front of the Torre YPF, Buenos Aires.

### Project Data

Area: ca. 4.500 m<sup>2</sup>

Construction Year: 2008

Architect/Design:  
Pelli Clarke Pelli Architects,  
New Haven

Contractor:  
Estudio Marta Carena, Buenos Aires

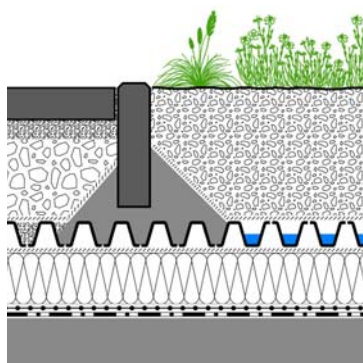
Coordinates:  
34°36'19.44"S 58°21'44.54"W

### Conception

YPF S.A. (formerly Repsol) is the leading Energy Company in Argentina. Architect Cesar Pelli, known for designing some of the world's tallest buildings, initiated this incredible design described as two conjunct triangular towers with curved sides. This successful green roof project is ZinCo's first in South America. The platform of the

building, which is located on an underground parking, was planted and paved using a system build-up with Floradrain® FD 40-E drainage element. A glazed corner balcony stretches from 27th to 33rd floor. Behind its facade, there is an arrangement of very large planter boxes using ZinCo green roof systems.

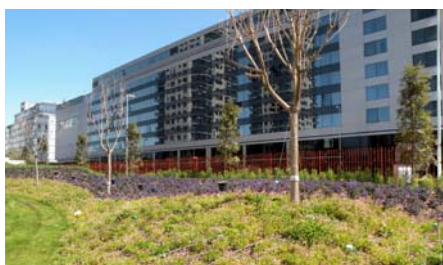
### System Build-up



- Plant layer and floor paving
- System Substrate (at least 200 mm)
- Filter Sheet SF
- Floradrain® FD 40-E
- Separation Membrane TGV 21
- Thermal Insulation made of XPS
- Root Barrier WSB 80-PO
- Roof construction with waterproofing



The 160 m high tower rises in the sky.



Lawn, shrubs and trees were planted on the underground parking.



Close-up of the vegetation on top of the underground parking.



Planter boxes behind the glass facade.

