

Project Profile Data Torre YPF, Buenos Aires, Argentina



Project Data

Area: ca. 48,500 sq. ft. (4,500 m²)

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



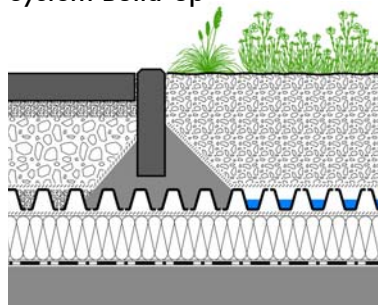
The roof garden on top of the underground parking in front of the Torre YPF, Buenos Aires.

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.

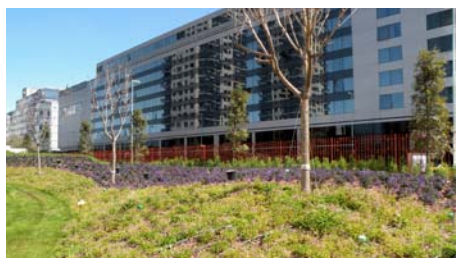
System Build-up



- Plant layer and floor paving
- Growing media Zincoblend, at least 8 in. (at least 200 mm)
- Filter Sheet SF
- Floradrain® FD 40-E
- Separation Membrane TGV 21
- Thermal Insulation made of XPS
- Roof construction with root resistant waterproofing



The 525 ft. (160 m) high tower rises in the sky.



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



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



Planter boxes behind the glass facade.