



SIKA AT WORK

EI-TAHRIR CAR PARK

WATERPROOFING : Sikaplan® WP 1140-20HL
Sika® Waterstop AR-31, Sika® Dilatec ER-350

BUILDING TRUST





ELTAHRIR CAR PARK PROJECT

Project Description:

- ElTahrir Car Park project - located in ElTahrir square Cairo Egypt.
- The project consists of 3 multi-storey underground car park with an area that exceeds 18000 m² near Nile River that makes the ground water table less than 1.00 m.
- One of many other underground multi - storey car parks that Cairo governorate is willing to construct to relieve traffic pressure and congestion in the downtown area of Cairo city in an attempt to face the rapid growth of Cairo city that has a huge population of more than 20 millions.

Special Requirements:

- Having the ground water table (-1.00) m below ground and being exposed to aggressive soil around the building, a well-designed and integrated waterproofing system to the 3 multi storey basements car park is highly needed.



Project Requirements:

- Waterproofing, surfacing and protection solutions are essential in extending car park life and maintaining the value of the owners' investments.
- In addition to being a functional structure for parking cars.

Sika Solution:

- Sika proposed Sika compartment system that includes :
 - Sika Plan WP 1140-20HL as a PVC layer 2mm thick, as a flexible High tensile& elongation Waterproofing membrane sheets.
 - Sika Waterstop AR-31 High quality PVC Waterstop for long durability.
 - Sika Dilatec ER-350 Waterproofing and Sealing tape.

Products Delivered:

- 20000 m2 Sika Plan WP 1140-20HL
- 5000 m' Sika Waterstop AR-31
- 3000 m' Sika Dilatec ER-350
- 15 ton Sika Dur 31 CF.

Why Sika:

- Not only is Sika the market leader in waterproofing systems in Egypt, but also worldwide.
- Sika Compartment system has a great job reference in many similar projects in Egypt and all over the Middle East region.

Project Participants:

- Owner: Cairo Governorate
- Architect: Moharam Bakhoum (ACE)
- Consultant: Moharam Bakhoum (ACE)
- Main contractor: Arab Contractors OAO
- Applicator company: Sodeco Specialties





For More Project Information



http://egy.sika.com/en/group/Publications/Sika_At_Work.html

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