

# PROJECT REPORT

## AL SHAHEED PARK, KUWAIT



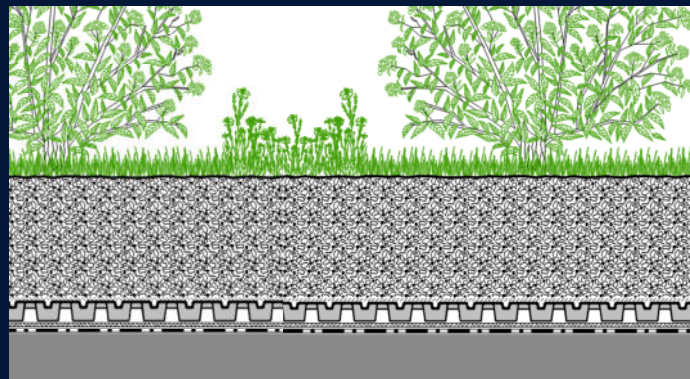
### PROJECT DATA

**Area:** ca. 19.500 m<sup>2</sup>  
**Construction Year:** 2013/2014

**Architects:**  
TAEP, The Associated Engineering Partnership, Kuwait

**Landscape architects:**  
STROOP landscape urbanism, Lisbon

**System Build-ups:**  
with Stabilodrain® SD 30, Floradrain® FD 40-E and Fixodrain® XD 20



### SYSTEM BUILD-UP

Plant layer

System Substrate  
Filter Sheet TG  
Stabilodrain® SD 30, infilled  
Protection Mat ISM 50

Roof construction with root resistant waterproofing

### CONCEPTION

With its 20 ha of area the “Al Shaheed Park” is the largest city park in the country. It was mainly built to protect the city from sandstorms and to reduce air pollution. In addition, the park is meant to commemorate the victims of the first Gulf War, “Al Shaheed” means “Park of the Martyrs”.

As part of the redesign an artificial lake was situated in the center of the park. This feature is not only a landscape element, but also serves as a water reservoir during the hot season.

The park accommodates two museums, a visitor’s center, an underground garage with 800 parking lots, restaurants and shops. In order not to interrupt the continuous park character, most of the buildings were equipped with an accessible green roof. Despite the well-chosen vegetation these still need to be irrigated.



Stabilodrain® elements applied on the approximately 15,000 m<sup>2</sup> of ceiling surface of the underground parking provide a stable base for green areas, paths and seating.



A green roof as part of the “Habitats Museum” where the focus is set clearly on Kuwait’s nature.



The visitor center is visible in the upper left corner and the administration building in the lower right one; An artificial lake is situated in between.

### Zinco GmbH

Lise-Meitner-Strasse 2 | 72622 Nuertingen | Germany  
Phone +49 7022 6003-0 | info@zinco-greenroof.com | www.zinco-greenroof.com

