



SIKA AT WORK

EL WAHA VIEW COMPOUND

WATERPEOOFING:

BASEMENT WATERPROOFING SYSTEM : SIKASHIELD® E46 PE EG 4 MM

SIKA IGOLFLEX 115 EG

PODIUM DECK PLAZA WATERPROOFING SYSTEM :SIKASHIELD WET APPLIED SYSTEM , SIKA SHIELD W-1 EG , SIKA SHIELD W-154 PE EG 2MM

BUILDING TRUST



EL WAHA VIEW COMPOUND

Project Description:

■ Al Waha View" project is a residential development compound on an area of 40 acres. It includes 54 buildings, each with a ground level and 11 floors of total 2,528 units. The project's complex area features 76 commercial shops of various sizes, ranging from 120 to 370 square meters. It also includes six playgrounds, six surface-level car parking areas, and two basement parking garages. Additionally, The project is designed with ample green space, a mosque, a nursery, and a health club.

Project Requirements:

■ -To ensure the long-term durability and functionality of the basement and podium deck plaza, implementing an effective waterproofing system is crucial. The basement waterproofing must be designed to completely prevent water leakage into the two basement levels. Similarly, the plaza requires a fully bonded waterproofing system to withstand harsh weather conditions, structural movement, and the presence of planting. Without proper waterproofing, water infiltration could result in serious issues, such as steel corrosion, structural deterioration, and damage to underlying spaces like parking areas.

-Using high-quality waterproofing materials is vital to eliminate leaks, minimize moisture buildup, and avoid potential damage. This approach not only preserves the structural integrity of the building but also ensures the safety and comfort of its occupants over time.



Special requirement:

-A durable and reliable waterproofing system is essential for the basements and podium decks to effectively prevent water leakage and protect the construction

Sika Solution:

- Sika shield SBS membranes for the basements , under the reinforced concrete raft and on the vertical walls.
- Sika shield wet applied system for the podium deck plaza

Products delivered:

BASEMENT WATERPROOFING SYSTEM

- SIKASHIELD® E46 PE EG 4 MM : 20,000 M2
- SIKA IGOLFLEX 115 : 5 TONS

PLAZA WATERPROOFING SYSTEM: SIKASHIELD WET APPLIED SYSTEM

- SIKA SHIELD W-1 : 300 TON
- SIKA SHIELD W154 : 100,000 M2

Why Sika:

- -Sika offers innovative solutions, as the Sikashield system being unique to Sika in Egyptian market.
- Sika has strong technical team who can find smart and efficient solutions for any faced issues.
- Sika provides technical support at the site throughout all phases of the project.
- Sika provides a complete full system and has huge References.
- Sika Suggests a certified well trained sub-contractors to ensure the highest quality, Efficient Installation and compliance with needed project requirements.



EL WAHA VIEW COMPOUND



Project Participants:

- Owner: Urban Development Fund
- Main Contractor: El Bustan
- Consultant: UEC
- Applicator: Betoproof



MOBILE APPLICATION

Have a Building problem Shoot and send it and we will reply you



SIKA EGYPT

1st Industrial zone (A)
Section # 10, Block 13035
El Obour City, Egypt

Contact

Phone 202 44810580 Hotline 15560
Fax 202 44810459

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