



# SIKA AT WORK

## POINT 90 CINEMAS ROOFING RENOVATION

ROOFING: Sika PU Foam® Spray, Sikalastic®-835 I

BUILDING TRUST





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## PROJECT PARTICIPANTS:

**Owner:** Private unit Owner  
**Applicator:** Specialized Engineering Contracting Co. (S.E.C.C.)

For More Projects Information



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# POINT 90 CINEMAS ROOFING RENOVATION

## PROJECT DESCRIPTION

- Point 90 Cinemas Complex is a mega cinemas multiplex in the area of Fifth Settlement, New Cairo, located inside the Point 90 Mall right in front of the American University in Cairo.

## PROJECT REQUIREMENTS

- During the past year, the roof above cinemas area has been suffering from water leakage at many critical points due to fixing new electromechanical penetrations throughout the existed waterproofing layer (traditional bitumen membrane system). As a result, the cinemas had to stop operating completely during the rainy season causing a significant economic impact on the owner..

- A waterproofing system that respect the complex details at the roof and does not require in its application the removing of the finishing layer (roof tiles) or any of the devices attached above it





## Sika Solution:

### • Sika System Materials:

- 1 - Sika PU foam® Spray - Two components spray applied thermal insulation.
- 2 - Sikalastic®-835 I - Two components pure polyurea spray applied waterproofing coating with high chemical, mechanical and weather resistance.

### • Application Steps:

- Tiles surface preparation prior to spraying process.
- Spray Sika PU foam® at high pressure until the desired thickness above the roof tiles.
- Spray Sikalastic®-835 I polyurea to coat the PU foam surface using a plural component, heated, high pressure, proportioning spray equipment.

## Products Delivered:

- Sika PU Foam® Spray
- Sikalastic®-835 I



## Why Sika:

### ■ Easiness in application

- Both materials were applied using heated, high pressure, proportioning spray equipment. which made it the best option to seal around the complex roof details and the narrow spaces under the electromechanical equipment.

### - Can be used as Finishing layer

As the Sikalastic®-835 I is a U.V resistance material with High abrasion and puncture resistance allowed it to be used as a finishing layer option.

### - Economic system :

Fast application as the major factor of time consuming in conventional roof waterproofing procedure is fitting the waterproofing to penetrations, parapet walls and other roof details which took no time to be sprayed.

### - Double layered waterproofing system:

Due to its double layer of pure polyurea liquid applied waterproofing membrane and the closed-cell construction of the PU foam spray forms the Impermeable waterproofing layers that prolong roofing lifetime.

