

Sika at Work



Sika



Sklavenitis Hypermarket Athens, Greece

Application Fields:

- Basement Waterproofing
- Roofing
- Flooring
- Concrete





Project Description

I. & S. Sklavenitis S.A. is the fourth (ranking based on turnover) largest retailer in Greece. A new 3 storey hypermarket was constructed in 2010, consisting of 11.000 m² shopping area, 5.000 m² warehouse area and 530 parking places. The project budget was approximately 20 € million.

Sika Solution

Basement Waterproofing: 7.000m² double layer PVC membrane
 Basement Waterproofing System: **Sikaplan® WP 1100-20HL**, **Sikaplan® WP Protection Sheet 15HE**, **S-Felt S800**, **S-Felt M500**, **Sika Waterbar® AR 25**, control sockets and other accessories.

Roofing: 5.000m² of FPO membrane
 Roofing System: **Sarnafil® TG66-15**, **S-Felt A300**, **Sarnabar**, plus other roofing accessories and sealants.

Flooring: 15.000m² of floors for different final uses
 Flooring System: For the car park area, **Chapdur® Premix**, **Sikafloor®-161**, **Sikafloor®-156** and **Sikafloor®-263 SL** were used.

For the low temperature storage area, **Sikafloor® 155WN**, **Sikafloor® 81 Epocem®** and **Sikafloor® 325** were used.

Concrete Production: ~15.000 m³ of concrete were casted with the use of **Sika® Viscocrete® 300** superplasticizer, while proper curing was assured with the use of **Antisol®-E** sprayed curing membrane. Local repair and finishing works were carried out with the 1-component cementitious mortars **Sika® Monotop® Dynamic**, **Sika® Monotop®-621**, **SikaGrout®-212** and **SikaRep® Cosmetic**. Moreover, the 1-component PU sealant **Sikaflex®-11FC** was used extensively for joint sealing.

Project Participants

Owner: **I. & S. Sklavenitis S.A.**
 Main Contractor: **Terna S.A.**
 Waterproofing - Roofing Contractor: **Pantelis Kostakis Ltd**
 Flooring Contractor: **Floorcast**
 Designer: **Vlachopoulos Nikos**

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