



SIKA AT WORK

ELLINIKES YPERAGORES SKLAVENITIS S.A.
Roof waterproofing of Sklavenitis' Ilion
branch, Greece

Waterproofing of existing roof: Sikaplan® TM-15

BUILDING TRUST



WATERPROOFING OF EXISTING ROOF, SKLAVENITIS S.A., ILION BRANCH



PROJECT SUPPORT

Sklavenitis S.A. is a purely Greek company, one of the largest in the retail of food and consumer goods.

Since 1954 it has been steadily developing, consistently following the same commercial policy, which has as main axes: Products of excellent quality, friendly service and prices "as cheap as ever".

In 2015, the Company - which owns 110 Stores - proceeds to the acquisition of 60% of the shares of the supermarket chain HALKIADAKIS (38 Branches in Crete). In the same year, it acquired 100% of the shares of MAKRO Greece (a total of 9 wholesale stores in Athens, Thessaloniki, Volos, Heraklion, Larissa, Xanthi & Patras), which in 2016 changed its name to "The Mart".

In March 2017, the operation of "ELLINIKES YPERAGORES SKLAVENITIS S.A." (100% subsidiary of "I & S. SKLAVENITIS S.A.") begins, in which 400 Branches (382 in Greece & 18 in Cyprus) of the Marinopoulos Group are conveyed.

In January 2018, the merger of "I. & S. SKLAVENITIS SA" and "ELLINIKES YPERAGORES SKLAVENITIS S.A." took place and a single company is created under the name "ELLINIKES YPERAGORES SKLAVENITIS S.A.".

Today, SKLAVENITIS Group operates:

- 415 "SKLAVENITIS" stores in Greece and 18 in Cyprus
- 39 "Chalkiadakis" stores in Crete
- 18 "Kronos" stores in Achaia
- 13 "The Mart Wholesale" Stores in 9 major cities

PROJECT DEMANDS

In the context of renovating all new group's stores, acquired by Sklavenitis, the renovation of the existing waterproofing of the roof of the branch of Sklavenitis in Ilion had to take place. The existing roof featured an EPDM membrane layer with degraded quality. For financial and time delivery causes, the new system had to be applied on the existing layer.

A further requirement was the application of a highly reflective roof waterproofing system, in order to reduce the energy cost of cooling and heating of the building. The total area of the roof was ~ 7.500m².



SIKA SOLUTION

The FPO synthetic membrane system **Sikaplan® TM-15** was used for the roof waterproofing. **Sikaplan® TM-15** (1,5 mm thickness) membrane is reinforced with polyester mesh and glass fiber fleece and is based on high quality flexible polyolefin (FPO) containing ultraviolet stabilizers and fire retardants according to EN 13956.

Sikaplan® TM-15 also carries additional certifications regarding its reflectivity, including specific solar radiation and thermal emission measurements, as well as LEED v4 (Urban Islet Impact Reduction) certificates.

For the correct configuration of the designed system using **Sikaplan® TM-15**, a wide variety of auxiliary products, such as special pieces, adhesives, circulation passages, e.t.c., are available to obtain a complete functional waterproofing system.

APPLICATION PROCESS

On the existing EPDM membrane substrate, the **Sikaplan® TM-15** membrane was applied.



Sikaplan® TM-15 membrane was mechanically fastened using auxiliary products for linear and point support.



PROJECT PARTICIPANTS:

Owner: ELLINIKES YPERAGORES SKLAVENTIS S.A.

Contractor: Pantelis Kostakis Ltd

BUILDING TRUST



Product quantities:

FPO membrane **Sikaplan® TM-15 RAL 9016**: 9.840 m²

Screws **Sarnafast® SF 4,8x140mm**: 6.625 pcs

Metal washer for spot fastening

Sarnafast® Washer KT: 4.000 pcs

Sarnafast® SF 4,8x x40: 2.000 pcs

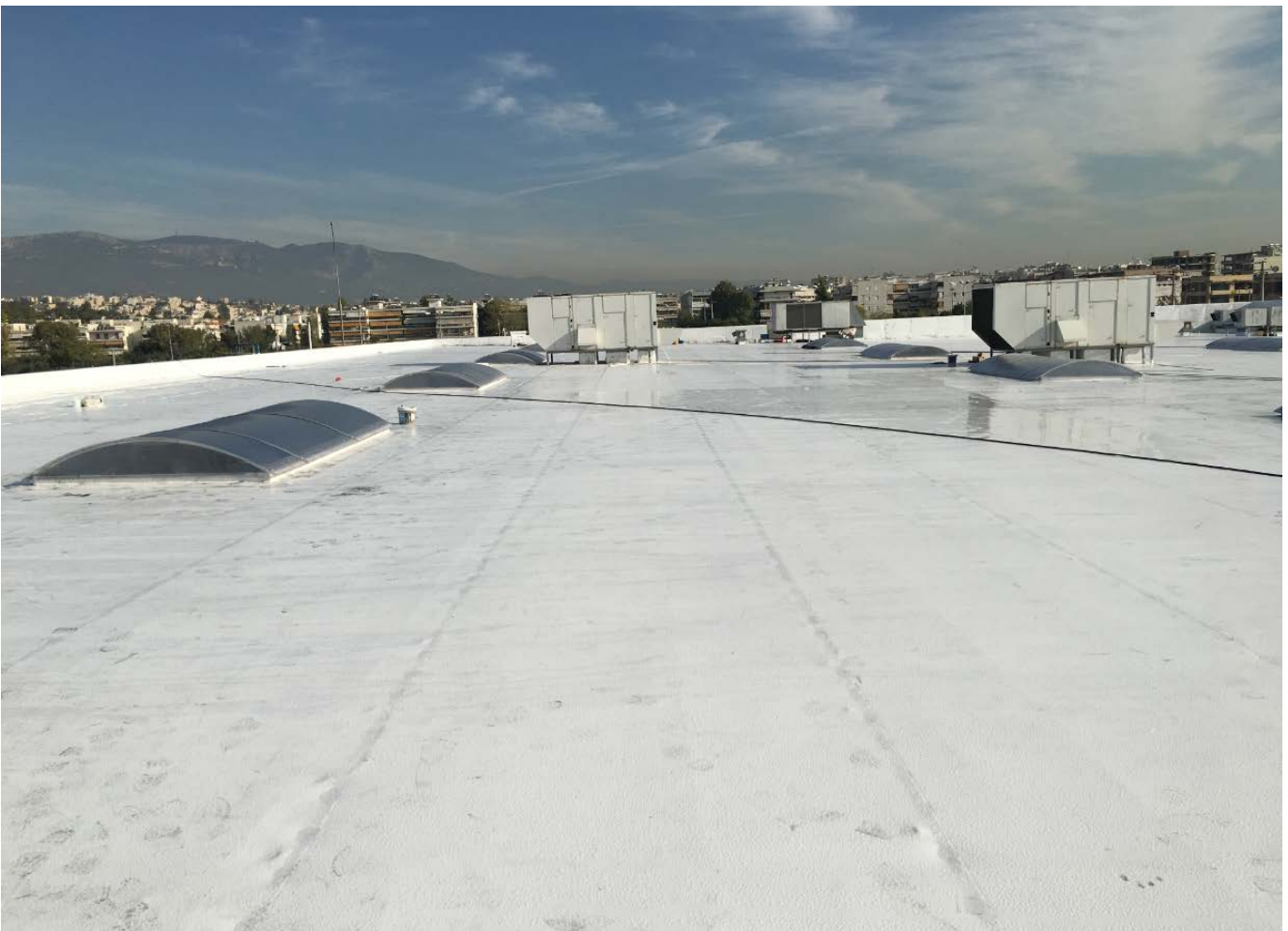
Metal profiles for perimeter support **Sarnabar®**: 750 m'

Perimeter support cordon **Sarnafil® T Welding Cord**: 300 m'

Synthetic detail forming membrane **Sarnafil® T 66-15 D Ral 9016**: 30m²

Traffic runway membrane: **Sarnafil® TG-20 WW**: 185m²

Seam preparation and cleaner **Sarnafil® T Prep**: 10 lt



Our most recent General Sales Terms shall apply.
Please consult the most recent Product Data Sheets prior to any use and processing.

Sika Hellas ABEE
15 Protomagias Str.
145 68, Kryoneri
Attica - Greece

Contact
Tel.: +30 210 8160600
Fax: +30 210 8160606
www.sika.gr /sika@gr.sika.com



BUILDING TRUST

