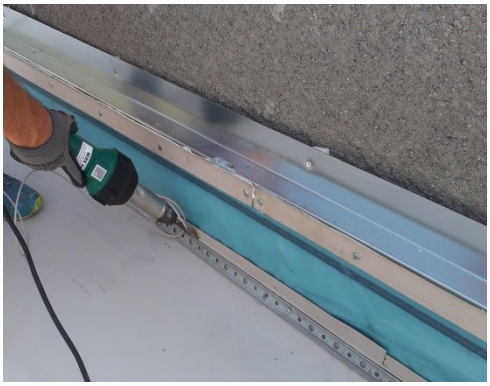

# SIKA AT WORK
# Roofing, Goethe Institut, Thessalonki, Greece

ROOFING: Sarnafil® TG 66-18 / 66-15 / 76-18 Felt

BUILDING TRUST

# ROOFING, GOETHE INSTITUT, THESSALONIKI, GREECE



**PROJECT DESCRIPTION**

Goethe-Institut in Thessaloniki was founded in 1955 and forms part of the global network of Goethe-Institut e.V. The aim of the institute is the promotion of the German-Greek cultural dialogue and German language and the dissemination of information about Germany as a country. Goethe-Institut in Thessaloniki features a library building, while besides the German language courses, its activities involve a rich cultural agenda.

**APPLICATION DEMANDS**

There was a need for refurbishment in all three buildings that constitute the Goethe-Institut complex (A, B, C). The demands included corrective procedures of static nature, as well as upgrading the energy efficiency and active & passive fire protection. In addition, there was a demand for roof waterproofing of the flat roofs of buildings A & C, as well as for the perimeter sealing of building B, which has a tiled roof.

**SIKA SOLUTION**

For the roof waterproofing of all three buildings the high quality synthetic, flexible, polyolefin based membranes (FPO) **Sarnafil® T** were selected. **Sarnafil® T** membranes can be used in ballasted roof systems with demand for increased root penetration resistance, but also for exposed roofs where there is a demand for prolonged resistance against UV radiation and weathering.

Roof waterproofing of building A was done from scratch. On the 585m$^2$ total surface area, the **Sarnafil® TG 66-18** system at a 1.8mm thickness was applied. The final surface of the roof was formed with circulation plates.

The perimeter waterproofing of the tiled-roof of building B was performed using the membrane **Sarnafil® TG 66-15**, at a 1.5mm thickness.

The roof waterproofing of building C was performed using the adhered membrane system **Sarnafil® TG 76-18 Felt** at a 1.8mm thickness. After removal of the existing bituminous felts, **Sarnafil® TG 76-18 Felt** was applied on the 390m$^2$ total surface area. The selection criteria for this application included high aesthetical demands, long-term resistance against UV radiation and weathering.

**PROJECT PARTICIPANTS**

Owner: **Federal Republic of Germany**

Specifier: **Plan E.E. – Cubus Hellas Ltd.**

Contractor: **Plethron Kataskevastiki**

Waterproofing contractor: **Monotiki Kaltsas**

Our most current General Sales Terms shall apply.

Please consult the most recent Product Data Sheets prior to any use and processing.

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