



SIKA AT WORK

Logistics Center

ROOFING: Sarnafil® TS 77-15

FLOORING: Sikafloor®-2 SynTop

BUILDING TRUST



LOGISTICS CENTER



PROJECT DESCRIPTION

For a new logistics center, with a total area of tens of thousands m² Sika offered roofing and industrial flooring system solutions.

APPLICATION DEMANDS

The industrial floors of the logistics center are subjected to constant stresses due to mechanical loads (flexural, point loads, abrasion). Therefore, there was a demand for application of a system with exceptional mechanical characteristics, which at the same time should meet and the site safety requirements (slip resistance).

Regarding the roof, there was a requirement for application of a high performance system in terms of thermal insulation properties and watertightness, with excellent resistance against weathering and permanent exposure to ultraviolet radiation.

SIKA SOLUTION

The thermal insulation and waterproofing system for the roof was carried out using a combination of the insulating poly-isocyanurate base plates **Sikatherm® PIR** and the roofing FPO membrane **Sarnafil® TS 77-15 (RAL 9016)**. The thermal insulation boards **Sikatherm® PIR** which are coated on both sides with aluminum foil, have very low thermal conductivity (0.022 W / (m * K)). The membrane **Sarnafil® TS 77-15** is a high quality, flexible polyolefin base membrane, has a glass fiber for dimensional stability and polyester reinforcement for high strength, maintains excellent flexibility at low temperatures and is designed for mechanically fastened roofs and use in a variety of climatic conditions.

In the exterior area of the loading area, the synthetic floor hardener **Sikafloor®-2 SynTop** was used for production of a monolithic, smooth textured, highly resistant floor against abrasion (certified according to EN 13813-CT-C70-F10-AR0,5 and EN 1504-2).

Our most recent General Sales Terms shall apply.

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



PROJECT PARTICIPANTS

Roofing Contractor: **Pantelis Kostakis & Co.**

Flooring Contractor: **DFS Manousakis - Marketis**

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

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

BUILDING TRUST

