



SIKA AT WORK

MEAT PROCESSING PLANT FLOOR PROTECTION SYSTEM IN MOSCHATO, GREECE

FLOORING: Sikafloor®-20 PurCem®

BUILDING TRUST



MEAT PLANT IN MOSCHATO, GREECE



PROJECT DESCRIPTION

FLORIDIS S.A. was established in 2000, following and developing the family business that was originally founded in 1953. Now, it is recognized as one of the leading companies in Greece in the fields of meat processing and trading of standardized meat. The company is based in modern private facilities and in 2010 a new privately owned factory was built, occupying a total area of 10,500 m², right next to the entrance of Athens Main Meat Market at Rendi. The new factory is equipped with ultra modern machinery and offers a storage capacity of 2,500 tones of goods. The factory complex disposes:

- 2,000 m² cold rooms for preservation of fresh and frozen meat
- 2 latest generation fast-freezing tunnels
- 4,000 m² of air-conditioned production and circulation areas

PROJECT REQUIREMENTS

The application relates to the cutting and standardization areas where controlled temperature conditions prevail. A key requirement of the project was the creation of a floor that would have high mechanical strengths, slightly anti-slip surface (due to the liquid processes that take place) and would offer easiness in cleaning and disinfection. The floor should be conformant to the demands and the relevant standards that govern food production and processing industries.

SIKA SOLUTION

For such a floor, the cementitious, polyurethane, trowel applied, high stress flooring system Sikafloor® PurCem® was selected. This system was the best choice, as it is intended for floors that are subjected to high mechanical and chemical stresses, while also features a textured surface that increases its slip-resistance properties. Additionally, it has multiple approvals for use in food processing plants.

Originally the surface was prepared using mechanical means, followed by diligent cleaning and the application of the 2-component epoxy primer Sikafloor®-155 WN which was broadcasted with quartz sand of 0.4 – 0.7 mm granulometry to form a rough surface. To the prepared surface, the 3-component, coloured, polyurethane mortar Sikafloor®-20 PurCem® was applied at a thickness layer of 6 mm. Around the whole area a curved configuration was formed using the coving and detailing mortar Sikafloor®-29 PurCem®. The surface was sealed using the 3-component, polyurethane based coating Sikafloor®-31 PurCem®, in order to achieve optimal hygienic characteristics

PROJECT PARTICIPANTS

Owner: FLORIDIS S.A.

Flooring Contractor: TECHNOPROM- Magda Zarambouka

Sika Organization: Sika Hellas

Our most current General Sales Conditions shall apply. Please consult the most current local Product Data Sheet prior to any use.



SIKA SERVICES AG
Tueffenwies 16
CH-8048 Zurich
Switzerland

Contact
Phone +41 58 436 23 68
Fax +41 58 436 23 77
www.sika.com

BUILDING TRUST

