



SIKA AT WORK

# Floor protection system in Meat Processing Plant

FLOORING: Sikafloor®-20 Purcem®

BUILDING TRUST



# FLOOR PROTECTION SYSTEM IN MEAT PROCESSING PLANT



## 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 10,500m<sup>2</sup>, 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 m<sup>3</sup> cold rooms for preservation of fresh and frozen meat
- 2 latest generation fast-freezing tunnels
- 4.000m<sup>2</sup> of air-conditioned production and circulation areas

## APPLICATION DEMANDS

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.

Our most recent General Sales Terms shall apply.

Please consult the most recent Product Data Sheets before any use or application process.



## SIKA SOLUTION

For such a floor, the cementitious, polyurethane, self-levelling, 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 0,4-0,7mm 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

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