



SIKA AT WORK

Flexible plastic packaging industry, SAKOS Ltd

FLOORING: Sikafloor® MultiDur ES-24 system, Sika® FloorJoint S

	Cleanroom® Suitable Materials
	
Sika AG Report No. SI 0904-480	Sikafloor-263 SL Particle (vs. PA6): ISO 5 TVOC (23°C/90°C): ISO -6.5 / tested
Flooring & Coating	

	Cleanroom® Suitable Materials
	
Sika AG Report No. SI 1008-533	Sikafloor-263 SL Particle (vs. PA6): GMP A Biol. Resistance: good
Flooring & Coating	

BUILDING TRUST



FLEXIBLE PLASTIC PACKAGING INDUSTRY SAKOS LTD



PROJECT DESCRIPTION

Sakos Ltd. was established in December 1996. The company's object is the production and trade of plastic flexible packaging material. Since then, the company has grown very quickly, constantly investing in electromechanical equipment as well as in human resources. In 2003 the company was transferred to 6,000 m² privately owned facilities in Schimatari, Viotia.

The company's production for 2015 exceeded 5,000 tons of plastic products with or without printing, while the company's products are distributed throughout the Greek territory and abroad.

The ongoing and planned investments for 2016 exceeded € 1,000,000 in state-of-the-art manufacturing, laboratory and other equipment and € 500,000 in building facilities.

PROJECT DEMANDS

In the context of the ongoing investment program of 5,000,000 € in the building and the mechanical equipment of the industry, there was provision for completion in 2017 of the state-of-the-art building facilities for clean new polyethylene film production space. The floor of the new 1,300m² production area should exhibit high resistance against abrasion, scratches, easiness in cleaning, resistance against cleaning agents, and high anti-skid properties.

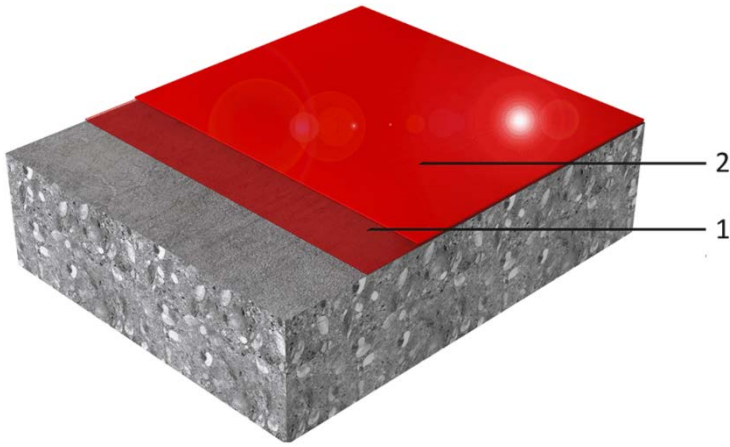
SIKA PROPOSAL

The biggest challenge for floor systems is usually the production areas. Floors in these areas must not only withstand extreme stresses, including mechanical, chemical and thermal stresses, but they also have to provide the appropriate level of slip resistance to meet safety and health requirements. In the production areas, a clean floor is obviously an essential requirement in order to provide a healthy work environment. Dry production processes, such as this one, very often also impose a balance or a compromise between ease of cleaning and slip resistance to meet the requirements of efficiency, health, hygiene and safety. In addition, as in many floor types and installations there are high cleanness demands, lots of Sikafloor® flooring systems are certified as CSM (CleanRoom Suitable Materials).

SIKA SOLUTION

The proposed and applied floor system was **Sika® MultiDur ES-24**, a smooth, uni-colored, self-leveling epoxy system. **Sika® MultiDur ES-24** is applied at ~ 2mm thickness exhibits particularly low particle emissions and VOC (Volatile Organic Compounds) and is certified as CleanRoom Suitable Material.

Sikafloor® MultiDur ES-24 System

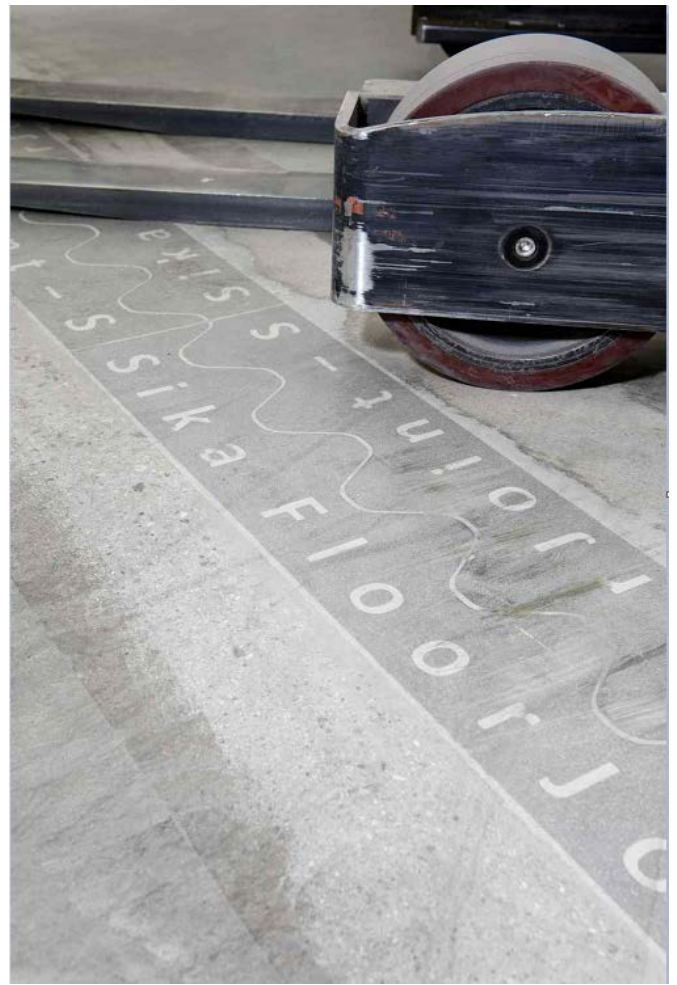
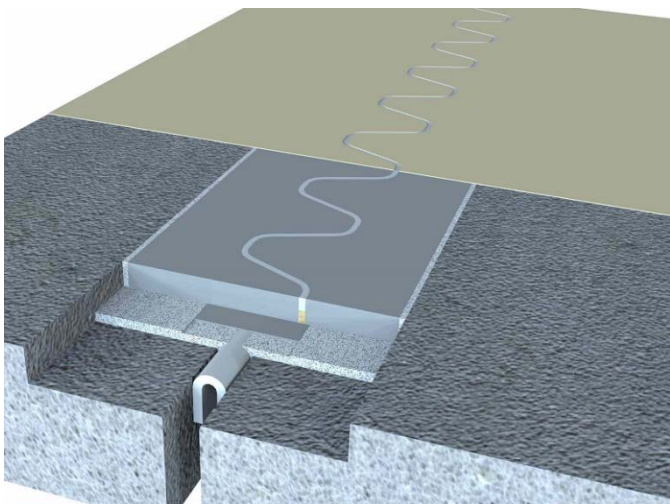


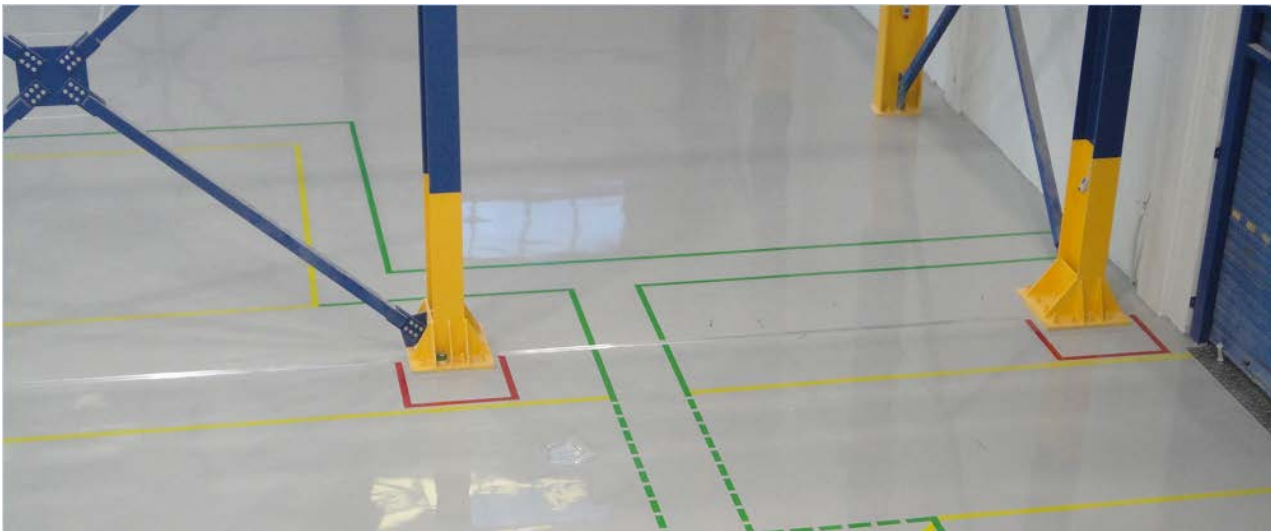
Layer	Product
1. Primer	Sikafloor®-161
2. Wearing coat	Sikafloor®-263 SL

In addition, Sika's innovation in the construction of the industrial floor was the connection of the expansion joints with the special, prefabricated profile **Sika® FloorJoint S**. **Sika® FloorJoint S** profile is based on extruded carbon fiber plates (CFRP) of high mechanical strength. Its corrugated design allows for improved load distribution and involves minimal vibrations under direct traffic of vehicles and forklifts.



The profiles are placed at the same level as the floor, which means that there are no steps and uneven spots. A further advantage of this new system is the minimized damage to vehicles, which entails significantly reduced spare parts. It is really a value-added solution in every respect.





PROJECT PARTICIPANTS:

Owner: **SAKOS Ltd**

Applicator: **Stavros Pavlogiannopoulos**

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



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