



# SIKA AT WORK

## Educational event room, MEDISYN Cooperative of Laboratory Doctors

FLOORING: Sikafloor® MultiDur ES-14, Sikafloor®-304 W



# MEDISYN - COOPERATIVE OF LABORATORY DOCTORS



## PROJECT DESCRIPTION

MEDISYN Cooperative of Laboratory Doctors was established in 1995 by a team of Greek Biopathologists – Microbiologists Doctors, aiming to create a pioneering scheme of multidisciplinary and cooperative form in the primary health care.

Today MEDISYN is at the forefront of modern Laboratory Medicine, with international recognition as a reference laboratory. It has 3 state-of-the-art Medical Diagnostic Laboratories with an official health care license, over 1.500 physicians and health scientists working in Partner's workshops, strategic partnerships with leading companies such as ROCHE, SIEMENS, ABBOTT and the leading European laboratory Cerba Laboratoire to perform specialized medical examinations and exchange of scientific know-how. MEDISYN implements an operating process control system and is certified for all stages of diagnostic analyzes according to ISO 9001: 2008, holds the leading accreditation according to ISO 15189 and can carry out a number of accredited examinations.

## PROJECT DEMANDS

In a building construction in the center of Athens, where MEDISYN offices and administrative premises are housed in Attica, there was a demand for repair and interior decoration on the 4th floor of the building. In this area of 300m<sup>2</sup> there would be regular pedestrian traffic throughout the day. The basic requirements for the flooring system to be used in these spaces included:

- Walking comfort
- Resistance to wear and tear
- Low emissions of volatile organic substances
- Ease of cleaning
- Uniform, seamless surface

The existing flooring was an old mosaic, and a new floor layer had to be applied on top of it.

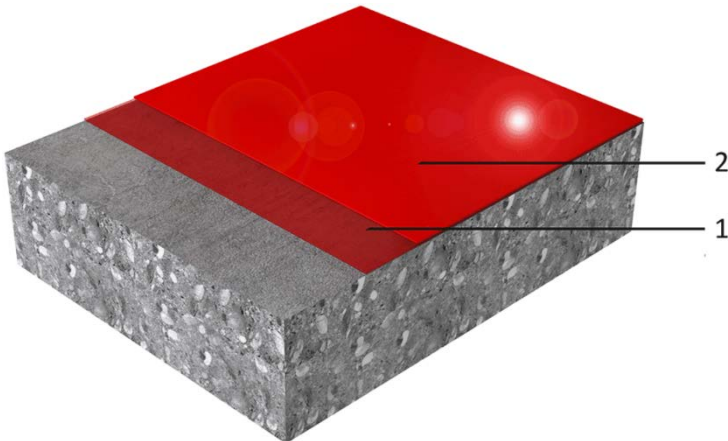
## SIKA PROPOSAL

An office space must combine safety in traffic, comfort, ease of cleaning and improve the aesthetics of the whole area. In addition, a floor in office and meeting rooms should be resistant to impact, scratches, mechanical stresses, provide the appropriate level of slip resistance (safe) and also easy to clean.

In addition, as in many places there are high class demands for cleanliness and hygiene, many Sikafloor® systems are based on state of the art technology and are certified for application in CleanRoom areas (CSM -CleanRoom® Suitable Materials). The ultimate goal in any case is to balance aesthetics and practicality, aiming to assure health and safety of the employers the people who use the area.

#### SIKA SOLUTION

Based on these requirements, the smooth, colored, rigid, epoxy resin floor coating system **Sikafloor® MultiDur® ES-14** was proposed and applied. **Sikafloor® MultiDur® ES-14** system has good wear and abrasion resistance, is impervious to water, easy to clean apply. It also offers a wide range of color options.



Coating	Product
1. Primer	<b>Sikafloor®-161</b>
2. Final coating	<b>Sikafloor®-264</b>

The characteristics of the final coating **Sikafloor®-264** also include good chemical and mechanical strength. **Sikafloor®-264** coating carries a Declaration of Performance according to EN 1504-2 and a wide range of certifications, such as Cleanroom® Suitable Material in terms of particle emission. In the final surface of the flooring system, the two-component, mat, water-based polyurethane sealant with very low VOC emission **Sikafloor®-304 W** has been applied, which has a Eurofins VOC emission certificate according to AgBB test (AgBB- Committee for the Assessment of Building Hygiene), Regulation according to DiBt - German Institute of Construction Technology.

#### APPLICATION

The substrate (old mosaic) was mechanically prepared and thoroughly cleaned with an industrial vacuum cleaner. The substrate surface was smoothly formed (sealing of surficial porosity) with scratch coat (resin & quartz sand, resin mortar applied with straight spatula). Thereafter, **Sikafloor®-161** epoxy primer was applied and then **Sikafloor®-264** colored epoxy paint was applied in a RAL 9010 shade.

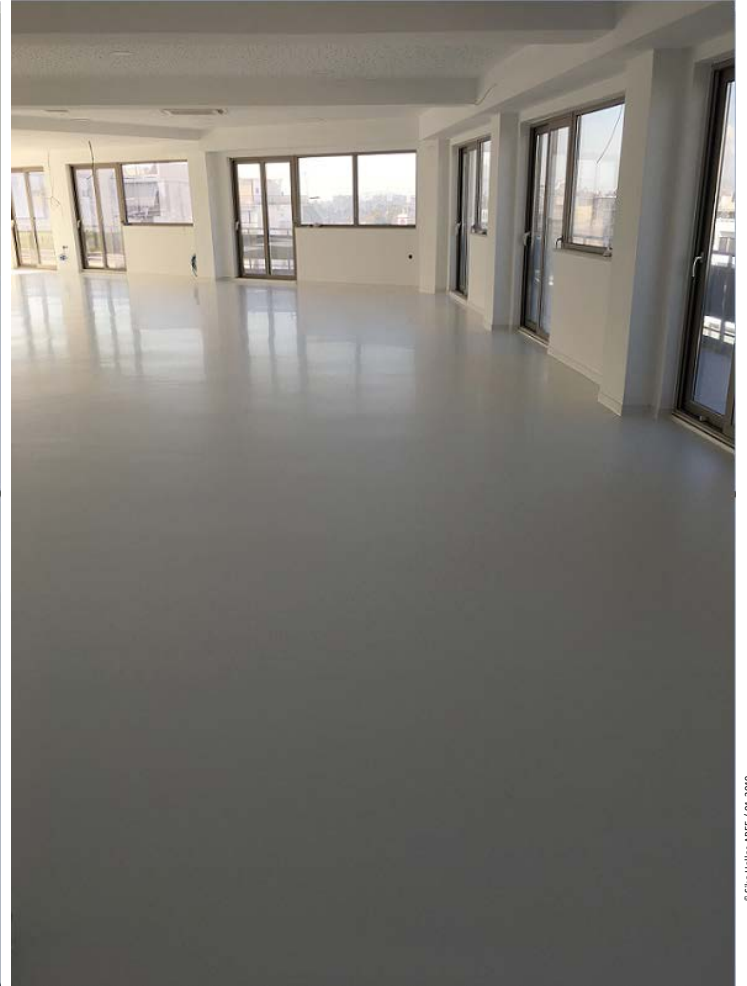
On the final surface of the floor, **Sikafloor®-304 W** polyurethane coating was applied.



#### PROJECT PARTICIPANTS:

Owner: **Producer & Credit Cooperative of Laboratory Physicians SYN. PE.**

Applicator: **TECHNOPRO M**



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