



SPIROPOULOS BROTHERS - PU SYSTEMS

Spraying polyurethane foam
Polyurea spraying
Liquid waterproofing



LAVIPHARM:

LAVIPHARM is one of the most important producers of drugs and cosmetics in Hellas with a big export portfolio and distributors in France, Italy and U.S.A. It was established in 1911 and until is among the top export companies in Hellas .In 1991 was included in Europe's 500 fastest growing companies and in 2006 was listed as one of 1000 top companies that invest in the R&D Sector according to the European Innovation Scoreboard (EIS)



Task:

The company was facing a significant roof waterproofing problem at the facilities in Athens. The area that had to be waterproofed was aprx. 1200m², covered with industrial a/c and other units. In some cases working area was really small and uncomfortable for the working group and it also had aprx 400 construction details such as drains, deferent shaped supporting beams, ventilation pipes etc.

The old waterproofing system was aged and its working life was expired. Therefore it had to be removed and reapplied.



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Flat area waterproofing application:

1.200m² of flat roof were waterproofed by 5mm of special lightweight plastomeric waterproofing membranes of Polyglass. These membranes are made by using a latest generation distilled bitumen-based compound, ultra-light REOXTHENE technology, with Evalith™ XTR polyester spun bond from Johns Manville, stabilized and reinforced with longitudinal glass fiber threads.



Details waterproofing:

The 400 construction details (such as exhaust pipes, drains, double T beams) and some of 450m of joints were treated with the 2 component solvent free (reinforced with polyester fleece) liquid waterproofing system Kemperol 2kpur. Kemperol 2kpur has a certified life expectancy of 25 according ETAG 005. This superior waterproofing systems adheres 100% on any kind of substrate and secures all the critical points of the project at least for 25 years time!

Project location:

Lavipharm facilities are located in Athens

Project duration:

8- 10/2013