

Senior Thesis Brief Description

Thesis Title	Design and construction of building element samples presenting energy insulation techniques in the building sector
Programme of Studies	BSc in Civil Engineering, Frederick University, Cyprus
Course	CEP 400 Senior Project
Area of Study	Experimental Building Physics
Student's Name	Antonis Matsangos
Students Reg. Number	4167
Supervisor	Dr.-Ing. Paris A. Fokaides, V. Lecturer, Civil Engineering Department
Supervisory Committee	Dr. Petros Christou, Ass. Professor, Civil Engineering Department Dr. Demetris Nicolaides, Lecturer, Civil Engineering Department
Semester	Spring Semester 2014
Short Description	The aim of this study was the investigation of the insulation techniques in the building sector. A literature review was conducted in the field of insulation materials and techniques for buildings. The most promising solutions were further investigated and analysed and their thermophysical characteristics were determined. Specific samples for demonstration and educational purposes were developed and delivered.