"THE EFFECT OF DOUBLE WALLS AND DOUBLE GLAZING ON THE AIR CONDITIONING LOAD OF A BUILDING"

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"The effect of double walls and glazing on the air conditioning load of a building"

SUMMARY

- The aim of this project is to find out all the building materials used in Cyprus, calculate the overall heat transfer coefficient and heating loads and find out which is the most economic.

- Calculations for heating and cooling loads were carried by the use of an H.T.I. programme provided.

- Prices for installing were determined and total cost for installing was calculated.

- Prices of fuel oil and electricity were determined.

- The savings in money for fuel were determined for building properties which are insulated.

- Using the above differences in money the years to pay off were calculated.

- Selection was made based on the years to pay off.

- The project was divided into 7 chapters and detailed drawings showing the building properties.

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