

**AN EXPERIMENTAL INVESTIGATION INTO THE
MATERIAL PROPERTIES OF POLYPROPYLENE
FIBRE IN CEMENT COMPOSITES**

by

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**Project report submitted to
the Department of Civil Engineering
of the Higher Technical Institute
Nicosia, Cyprus**

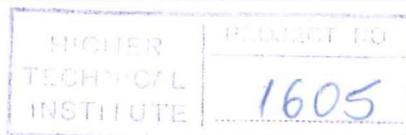
**in partial fulfillment of the requirements
for the diploma of
TECHNICIAN ENGINEER**

in

CIVIL ENGINEERING

May 1990

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ABSTRACT

This study is divided into four parts. In the first part a literature survey on fibre reinforced cement composites was made, including a hystorical backround consideration.

In the second part, a survey of past investigation on the influence of polypropylene fibres on the strength of concrete was carried out.

In the third part the experimental investigation was carried out on the performance of polypropylene fibres in concrete, cast with local building materials.

In the fourth part general comments, conclusions and recommendations on future work were summarised.

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