

AN EXPERIMENTAL INVESTIGATION
ON THE INFLUENCE OF CURING
TIME ON THE STRENGTH OF
CONCRETE

Project Report Submitted by

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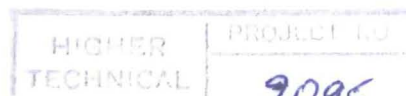
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SUMMARY

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AN EXPERIMENTAL INVESTIGATION ON THE INFLUENCE OF CURING TIME
ON THE STRENGTH OF CONCRETE

ABSTRACT

This project has three objectives, closely related to concrete technology.

The first one and the most nearest to its title is to investigate experimentally the influence of curing time on the strength of concrete.

The concrete mix used in the experimental work was grade 25 N/mm².

Concrete cubes were cured in water for 0, 4, 7, 10, 13, 16, 19, 22, 25, 28 days. Three concrete cubes were prepared for each curing case and all cubes were tested at 28 days.

The second objective is to explain why the curing of concrete is important. This can be found as a conclusion from all items which are mentioned.

The third and the last objective is to comment on the various curing methods used in Cyprus.

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