

HIGH WORKABILITY CONCRETE
USING ADMIXTURES

by

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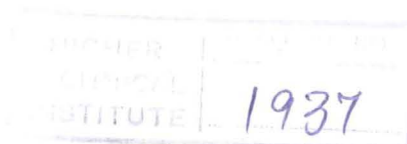
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Summary

This book aims to present the significance of concrete with high workability. It consists mainly of two parts, one being the theoretical and the other being the experimental part.

The theoretical part deals with an extended literature survey on concrete constituent materials and on concrete properties whilst being plastic or hardened; and also with the meaning of admixtures, superplasticizers and their development. Finally the part is completed by discussing areas of applications of superplasticizers (for both Cyprus and abroad).

The second part of the book is an experimental study of concrete containing admixtures. The main parameters studied in this part are the highest possible workability, the compressive strength and the adjustment of the sand content for the production of a cohesive mix. The criterion for comparison being the control mix with no admixture, mixed and cured under exactly the same conditions as the trial mixes.

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