



## The Strength of Fine-Aggregate Concrete (Classic Reprint)

By F E Giesecke

Forgotten Books, United States, 2015. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*. Excerpt from The Strength of Fine-Aggregate Concrete I. Introduction During the meeting of the Texas Road Builders Association in Austin, February 18 to 20, 1920, the general discussion of concrete construction developed the facts that in certain sections of Texas the available local concrete aggregate is rather fine; that coarse aggregate can be secured only at a very high cost; and that, under such condition, it might be well to prepare concrete without the use of coarse aggregate, increasing, when necessary, the cement-aggregate ratio so as to secure the desired physical properties in the concrete. This condition suggested the need for an investigation to determine how the compressive strength of the concrete varies with the relative quantity of cement when the maximum size of the aggregate used in the preparation of the concrete is considerably smaller than that usually employed in concrete construction. Accordingly, four series of tests were made in the manner and with the results described in this bulletin. II. Scope Of The Investigation The object of the investigation was to determine the ultimate compressive...



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