

## eBook Information

# A Comprehensive Method for Concrete Mix Design

**Kambiz Janamian and Jose Aguiar**

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A novel method of concrete mix design is presented. Tests with various constituent materials are reported in great detail.

*Keyword:* Concrete Mix Design, Concrete Specification, Concrete Constituent Materials, Concrete Transport, Compressive Strength of Concrete, Concrete Slump, Hardened Concrete, Permeability of Concrete, Concrete Quality, Fresh Concrete, Workability of Concrete, Entrapped Air in Concrete

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Summary:

A novel method of concrete mix design is presented. Tests with various constituent materials are reported in great detail. Both laboratory tests and applications in industry show the method to be very successful for all kinds of normal constituent materials, including silica fume, ground granulated blast furnace slag, fly ash, natural pozzolans, blended cement, fine and coarse aggregates, water, air entraining admixtures, plasticizers and super-plasticizers.



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Handbook / color print, paperback

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