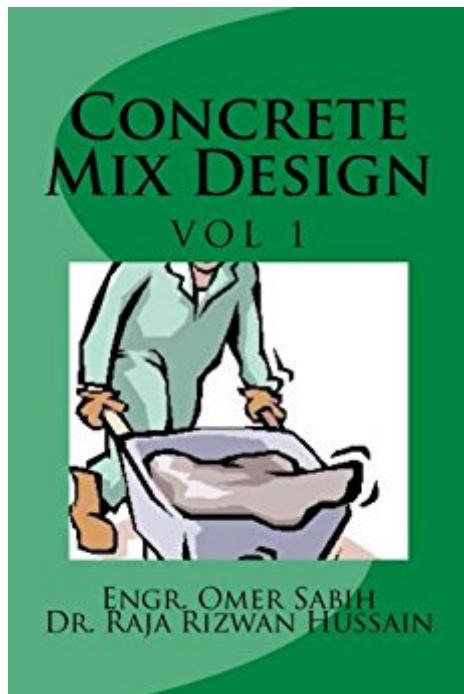


The book was found

Concrete Mix Design (Mix Design Methods Book 1)



Synopsis

This book is devoted to learning how to produce an economical concrete mix that meets the requirements for place ability, consistency, strength, durability and appearance. Development of mix design method plays a key role in concrete technology. It involves the process of determining the most suitable concrete mixes in order to achieve maximum strength with least economic expenditures. The standard adopted for carrying out the concrete mix design with and/or without admixture is ACI 211.1. Concrete is an extremely versatile building material because, it can be designed for strength ranging from M10 (10 MPa) to M100 (100 MPa) and workability usually ranging from 0 mm slump to 150 mm slump. In all these cases the basic ingredients of concrete are the same, but it is their relative proportioning that makes the difference. The anti-permeability of concrete is one of important indexes of the durability of the concrete. The tests for determining the concrete anti-permeability performance and requirements for mix design of anti-permeable concrete have also been discussed in detail. Comprehensive literature on concrete mix design with examples and laboratory tests is the theme of this book.

Book Information

File Size: 916 KB

Print Length: 82 pages

Publication Date: January 3, 2013

Sold by:Â Digital Services LLC

Language: English

ASIN: B00AWP35TQ

Text-to-Speech: Enabled

X-Ray: Not Enabled

Word Wise: Not Enabled

Lending: Not Enabled

Enhanced Typesetting: Enabled

Best Sellers Rank: #759,186 Paid in Kindle Store (See Top 100 Paid in Kindle Store) #133

inÂ Books > Engineering & Transportation > Engineering > Materials & Material Science > Concrete

#759 inÂ Kindle Store > Kindle eBooks > Engineering & Transportation > Engineering > Civil

#6993 inÂ Books > Engineering & Transportation > Engineering > Civil & Environmental

Customer Reviews

"This book gives you a good understanding of concrete mix design. A great deal of information is

provided on the anti-permeability of concrete. Practical examples are also given which are very useful in explaining how to make an economical concrete mix. Highly recommended."

[Download to continue reading...](#)

Concrete Mix Design (Mix Design Methods Book 1) Delicious Cake Mix Cookie Recipes! (Delicious Cake Mix Desserts! Book 1) Hiking Trail Mix Recipes: A Camping Snack Mix Cookbook (Campfire Cookbook 2) Black & Decker The Complete Guide to Concrete & Masonry, 4th Edition: Build with Concrete, Brick, Block & Natural Stone (Black & Decker Complete Guide) Corrosive Signs: Essays on Experimental Poetry (Visual, Concrete, Alternative) (Visual, Concrete, Alternative) High Throughput Screening: Methods and Protocols (Methods in Molecular Biology) (Methods in Molecular Biology, 190) Engineering Methods for Robust Product Design: Using Taguchi Methods in Technology and Product Development Case Study Research: Design and Methods (Applied Social Research Methods) Design Ideas for Decorative Concrete and Stone Ultimate Guide: Masonry & Concrete, 3rd edition: Design, Build, Maintain (Home Improvement) Design of Reinforced Concrete, 10th Edition Reinforced Concrete Design Tall Building Design: Steel, Concrete, and Composite Systems 2012 IBC Structural/Seismic Design Manual Volume 3: Examples for Concrete Buildings Seismic Design of Reinforced Concrete and Masonry Buildings Seismic Design of Reinforced and Precast Concrete Buildings Seismic Design of Concrete Buildings to Eurocode 8 Seismic Design Aids for Nonlinear Pushover Analysis of Reinforced Concrete and Steel Bridges (Advances in Earthquake Engineering) Reinforced Concrete: Mechanics and Design (6th Edition) Structural Concrete: Theory and Design

[Dmca](#)