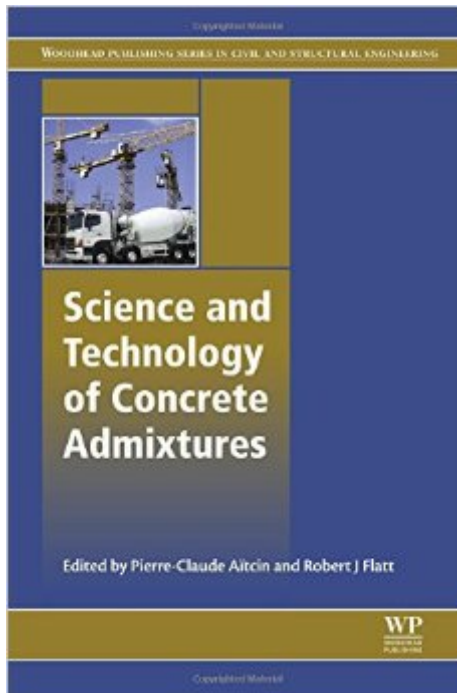


The book was found

Science And Technology Of Concrete Admixtures



Synopsis

Science and Technology of Concrete Admixtures presents admixtures from both a theoretical and practical point-of-view. The authors emphasize key concepts that can be used to better understand the working mechanisms of these products by presenting a concise overview on the fundamental behavior of Portland cement and hydraulic binders as well as their chemical admixtures, also discussing recent effects in concrete in terms of rheology, mechanics, durability, and sustainability, but never forgetting the fundamental role played by the water/binder ratio and proper curing in concrete technology. Part One presents basic knowledge on Portland cement and concrete, while Part Two deals with the chemical and physical background needed to better understand what admixtures are chemically, and through which mechanism they modify the properties of the fresh and hardened concrete. Subsequent sections present discussions on admixtures technology and two particular types of concrete, self-consolidating and ultra-high strength concretes, with final remarks on their future. Combines the knowledge of two leading authors to present both the scientific and technology of admixtures Explains what admixtures are from a chemical point-of-view and illustrates by which mechanisms they modify the properties of fresh and hardened concrete Presents a fundamental, practical, and innovative reference book on the topic Contains three detailed appendices that can be used to learn how to use admixtures more efficiently

Book Information

Hardcover: 666 pages

Publisher: Woodhead Publishing; 1 edition (October 25, 2015)

Language: English

ISBN-10: 0081006934

ISBN-13: 978-0081006931

Product Dimensions: 6.1 x 1.5 x 9.1 inches

Shipping Weight: 1.6 pounds (View shipping rates and policies)

Average Customer Review: Be the first to review this item

Best Sellers Rank: #1,889,817 in Books (See Top 100 in Books) #197 in Books > Engineering & Transportation > Engineering > Materials & Material Science > Concrete #354565 in Books > Textbooks

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

Hacking: Tapping into the Matrix Tips, Secrets, steps, hints, and hidden traps to hacking: Hacker, Computer, Programming, Security & Encryption Jack and the Hungry Giant Eat Right With Myplate

Information Architecture: For the Web and Beyond Keep Your Love On: Connection Communication And Boundaries The Smarter Screen: Surprising Ways to Influence and Improve Online Behavior The New Rules for Love, Sex, and Dating A Lifelong Love: How to Have Lasting Intimacy, Friendship, and Purpose in Your Marriage Beautiful Data: A History of Vision and Reason since 1945 (Experimental Futures) Garden City: Work, Rest, and the Art of Being Human. Fear and Faith: Finding the Peace Your Heart Craves To Heaven and Back: The Journey of a Roman Catholic Priest A Doctor's Tools (Community Helpers and Their Tools) Why Suffering?: Finding Meaning and Comfort When Life Doesn't Make Sense Rainbow Warriors and the Golden Bow: Yoga Adventure for Children (Rainbow Warriors Yoga Series) Touching Heaven: A Cardiologist's Encounters with Death and Living Proof of an Afterlife Machines of Loving Grace: The Quest for Common Ground Between Humans and Robots Husband After God: Drawing Closer To God And Your Wife Sex is a Funny Word: A Book about Bodies, Feelings, and YOU Learn Command Line and Batch Script Fast, Vol II: A course from the basics of Windows to the edge of networking How to Start a Business Analyst Career: The handbook to apply business analysis techniques, select requirements training, and explore job roles ... career (Business Analyst Career Guide)

[Dmca](#)