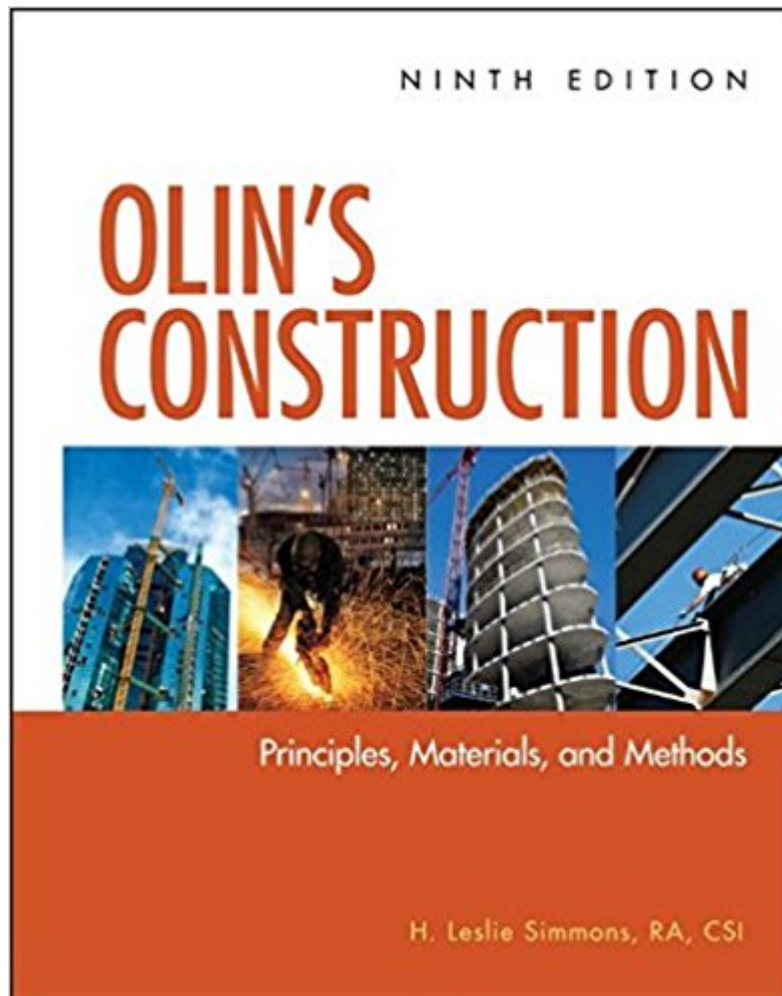




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Olin's Construction: Principles, Materials, And Methods



Synopsis

Get the updated industry standard for a new age of construction! For more than fifty years, Olin's Construction has been the cornerstone reference in the field for architecture and construction professionals and students. This new edition is an invaluable resource that will provide in-depth coverage for decades to come. You'll find the most up-to-date principles, materials, methods, codes, and standards used in the design and construction of contemporary concrete, steel, masonry, and wood buildings for residential, commercial, and institutional use. Organized by the principles of the MasterFormat® 2010 Update, this edition: Covers sitework; concrete, steel, masonry, wood, and plastic materials; sound control; mechanical and electrical systems; doors and windows; finishes; industry standards; codes; barrier-free design; and much more Offers extensive coverage of the metric system of measurement Includes more than 1,800 illustrations, 175 new to this edition and more than 200 others, revised to bring them up to date Provides vital descriptive information on how to design buildings, detail components, specify materials and products, and avoid common pitfalls Contains new information on sustainability, expanded coverage of the principles of construction management and the place of construction managers in the construction process, and construction of long span structures in concrete, steel, and wood The most comprehensive text on the subject, Olin's Construction covers not only the materials and methods of building construction, but also building systems and equipment, utilities, properties of materials, and current design and contracting requirements. Whether you're a builder, designer, contractor, or manager, join the readers who have relied on the principles of Olin's Construction for more than two generations to master construction operations.

Book Information

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Customer Reviews

"This edition reflects the expanded adoption of the ICC codes and includes new information on sustainability and construction management." (Book News, February 2008)

New title, same industry standard—updated for a new age of construction For more than fifty years, Construction has been the cornerstone reference in the field for architecture and construction professionals and students. This new Eighth Edition, now called Olin's Construction after its original author, is an invaluable resource that will continue to provide in-depth coverage for decades to come. It offers the most up-to-date principles, materials, methods, codes, and standards used in the design and construction of contemporary residential, commercial, and institutional buildings.

Organized by the MasterFormat 2004 Edition, Olin's Construction, Eighth Edition features: More than 1,200 informative illustrations, including 150 new images New information on sustainability and construction management Reflects the expanded adoption of the ICCÃ Â© Codes This Eighth Edition addresses the key issues involved in most residential and commercial building construction—from site preparation to concrete finishing, masonry design to plastic fabrications, waterproofing to sprinkler systems, air conditioning to heat conveyance, and much more. It also provides vital descriptive information on design basics, detail components, material and product specification, and construction documentation, along with helpful pointers on how to avoid pitfalls commonly encountered in building design and construction.

The follow up to Construction: Principles, Materials & Methods is Olin's Construction. The book is both detailed in the same old editions fashions however the drawings and reference images still have that text-book feel and are circa 1980s and some even 1970s. Some more modern methods are not covered which is a problem however many other "modern construction" books handle those. The basics are still where it's at and this book is a great reference that would fit nicely on your architecture, construction or building technology shelf. I'd really give it 3-1/2 stars but rounding makes it a 4 out of 5. To improve it would need to update drawings and images and also include more information on topics such as restoration; historic preservation and of course the ever changing advancements in modern construction. Also, the next edition should have details/topics about Green Construction of which I have found none thus far. I had the 5th edition as a student 12

years ago and wanted the updated version. Much of the information is the same and it's a toss up if you should get this as an update instead of say Allen's book.

An all encompassing text on everything building construction.

This book tells everything you would ever want to know about construction. Good condition good Price great book. Thank you

Excellent quality!

A

This was a good purchase. The book was shipped on time and packaged very well. I purchased this book as a reference and a study guide for the CPBD exam.

While very large, the book covers all details of a building from the ground up. It's very specific, but also a very easy read. It's written in clear, concise English that makes it an easy read... even though it may be a dry subject at times. For those who know nothing about construction (like myself who is just starting my architecture program) this is an ideal book.

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