

Olin's Construction: Principles, Materials, and Methods

By H. Leslie Simmons

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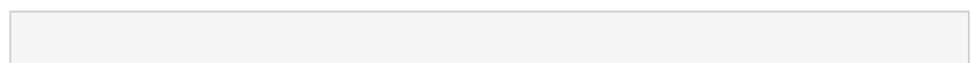
Olin's Construction: Principles, Materials, and Methods By H. Leslie Simmons

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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.



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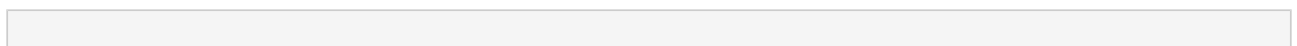
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Editorial Review

Review

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

From the Back Cover

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 ICC® 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.

About the Author

H. LESLIE SIMMONS, RA, CSI, is a construction consultant and specifications writer with more than fifty-five years of professional experience.

Users Review

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