

《Fundamentals Of Building Construction: Materials And Methods, Fifth Edition 9780470074688》

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内容简介

Now in its Fifth Edition, this essential textbook has been used by thousands of students annually in schools of architecture, engineering, and construction technology. The bestselling reference focuses on the basic materials and methods used in building construction, emphasizing common construction systems such as light wood frames, masonry bearing walls, steel frames, and reinforced concrete. New introductory material on the processes, organization, constraints, and choices in construction offers a better look at the management of construction. New sections covering the building envelope uncover the secrets to designing enclosures for thermal insulation, vapor retarders, air barriers, and moisture control. The Fifth Edition also features more axonometric detail drawings and revised photographs for a thoroughly illustrated approach and the latest IBC 2006, CSI MasterFormat, ASTM references, and LEED information.

作者简介

Edward Allen, FAIA, has taught for more than thirty-five years as a faculty member at Yale University and the Massachusetts Institute of Technology, and as an invited guest at institutions in the United States, South America, Europe, and Asia. He has designed more than fifty constructed buildings and is the bestselling coauthor of *The Architect's Studio Companion*, *Architectural Detailing, Form and Forces*, and *Fundamentals of Residential Construction*, all published by Wiley. Joseph Iano is an author, illustrator, and practicing architect who has taught design and technology in schools of architecture throughout the United States, as well as work in the construction trades. He has collaborated with Edward Allen on numerous publications over a span of more than twenty-five years. Currently, he heads a Seattle firm that provides technical and quality management consulting to architects and others in the design and construction industry.

媒体评论

&"In the new fifth edition of *Fundamentals of Building Construction*, Allen and Iano set a new benchmark by incorporating sustainability issues into a

mainstream construction textbook, section by section, as in this concise overview from the first chapter. We also look forward to a future edition of their outstanding book in which appropriate sustainability considerations have penetrated every topic and page.&"

--ArchitectureWeek

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