



# Time-Saver Standards for Building Materials & Systems: Design Criteria and Selection Data

*By Donald Watson*

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## **Time-Saver Standards for Building Materials & Systems: Design Criteria and Selection Data** By Donald Watson

The only product selection guide you'll ever need!

Select the best products, systems, and components for any building project, in compliance with codes and regulations! Whether you're an architect or builder, you'll find top-flight guidance in Time-Saver Standards for Building Materials and Systems. The experts assembled by Editor-in-Chief Donald Watson provide easy-to-understand guidance on how various materials function. Using clear, explicit illustrations and short, bulleted comparison points rather than lengthy text, they explore with you key issues in selecting products and give you valuable information for a full range of product types. Information is organized by CSI MasterFormat, the product specification system most commonly used in construction and in the Sweet's catalogs. It's also cross-referenced to the UniFormat system, which indexes products by the sequence of assembly in design and construction, a real advantage in preliminary design and cost estimating.

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### **Editorial Review**

From the Back Cover

The architect's quick reference and comprehensive guide to design and specification of building materials and systems.

Time-Saver Standards for Building Materials and Systems: Design Criteria and Selection Data.

This volume, the newest volume in the Time-Saver Standards Series, offers easily referenced and detailed technical guidelines for architects and builders to design and select any material, product or system for any building construction project.

This new volume updates and extends the technical data sheets prepared over the past twenty years for Sweet's Catalog File Selection Data. In cooperation with SWEET'S Catalog File, Time-Saver Standards for Building Materials and Systems serves as an essential overview of key criteria required to evaluate and select building materials, components and systems. In its new and updated format, the book is a "first reference" and primary source of guidance for design and material selection. It lists in easily accessible format the key design criteria that every architect and builder must consider in designing, specifying and constructing buildings.

Topics are arranged to conform to the Unifomat Classification System, the widely adopted industry indexing system that "builds" technical information in the same sequence and logical order that a building is built, from foundation, to structure, to enclosure, to interiors, to service systems. This classification system has been adopted by architects and other professional societies for design and preliminary cost estimating because it conforms to the way that a building is built and a designer logically thinks about a building. Time-Saver Standards for Building Materials and Systems provides a comprehensive overview of all building-related principles, materials and systems. It is therefore an invaluable guide for review of technical data, appropriate for continuing education courses, preparation for professional licensing exams, and use in schools of architecture, continuing education courses, preparation for professional licensing exams, and use in schools of architecture.

800 pages of illustrated data sheets, updated and extended with new topic listings. 400 tables and checklist summaries, making it possible to quickly reference a broad range of selection data and criteria.

Definitions and Physical Principles of Building Construction

Foundations

Structures

Concrete

Stone and Masonry

Metals

Wood and Wood Products

Insulation

Waterproofing and Dampproofing

Exterior Walls

Bearing Walls

Curtain Walls

Wall Facings

Glass and Plastics

Windows

Entrance and Doors

Coatings

Sealants

Roofing Assemblies

Skylights

Interior Partitions

Staircases

Interior Systems and Finishes

Ceilings

Flooring

Conveying Systems

Plumbing

Heating, Ventilating and Air-Conditioning

Fire Protection

Electrical Systems

Lighting

About the Author

Donald Watson, FAIA, NCARB, is a well-known architect, author and educator and the editor-in-chief of *Time-Saver Standards for Architectural Design Data*, 7th Edition. He is Professor of Architecture and former Dean at the School of Architecture, Rensselaer Polytechnic Institute, Troy, NY.

## **Users Review**

**From reader reviews:**

**Steve Pratt:**

Have you spare time for a day? What do you do when you have much more or little spare time? Yep, you can choose the suitable activity for spend your time. Any person spent their spare time to take a wander, shopping, or went to the Mall. How about open as well as read a book allowed Time-Saver Standards for Building Materials & Systems: Design Criteria and Selection Data? Maybe it is to become best activity for you. You recognize beside you can spend your time with the favorite's book, you can wiser than before. Do you agree with the opinion or you have different opinion?

**Ines Patterson:**

The particular book Time-Saver Standards for Building Materials & Systems: Design Criteria and Selection Data has a lot info on it. So when you make sure to read this book you can get a lot of gain. The book was written by the very famous author. Mcdougal makes some research prior to write this book. This kind of book very easy to read you can get the point easily after looking over this book.

**Wendy Miller:**

In this period globalization it is important to someone to find information. The information will make someone to understand the condition of the world. The health of the world makes the information simpler to share. You can find a lot of sources to get information example: internet, magazine, book, and soon. You will see that now, a lot of publisher that print many kinds of book. The particular book that recommended to you is Time-Saver Standards for Building Materials & Systems: Design Criteria and Selection Data this reserve consist a lot of the information in the condition of this world now. This kind of book was represented how does the world has grown up. The dialect styles that writer use to explain it is easy to understand. Often the writer made some research when he makes this book. Honestly, that is why this book suitable all of you.

**Fred Polak:**

As a college student exactly feel bored to reading. If their teacher inquired them to go to the library or to make summary for some publication, they are complained. Just small students that has reading's spirit or real their hobby. They just do what the trainer want, like asked to go to the library. They go to generally there but nothing reading really. Any students feel that reading is not important, boring in addition to can't see colorful photos on there. Yeah, it is to become complicated. Book is very important to suit your needs. As we know that on this age, many ways to get whatever we wish. Likewise word says, many ways to reach Chinese's country. Therefore , this Time-Saver Standards for Building Materials & Systems: Design Criteria and Selection Data can make you truly feel more interested to read.

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