

Straight Flight Staircases Steel Flooring Products

Exhaustive list of materials used in construction and architecture. Information on each category includes history and manufacture, the physical and chemical properties, and the conditions of use. Although an American publication all measurements in the book include metric equivalents. The definitive guide to measurement and estimating using NRM1, written by the author of NRM1 The "RICS New rules of measurement: Order of cost estimating and cost planning of capital building works" (referred to as NRM1) is the cornerstone of good cost management of capital building works projects - enabling more effective and accurate cost advice to be given to clients and other project team members. The NRM1 Cost Management Handbook is the essential guide to how to successfully interpret and apply these rules, including explanations of how to quantify building works and prepare order of cost estimates and cost plans use the rules as a toolkit for risk management and procurement analyse actual costs for the purpose of collecting benchmark data and preparing cost plans for future order of cost estimates and elemental cost plans employ the rules to aid communication manage the complete 'cost management cycle' use the elemental breakdown and cost structures, together with the coding system developed for NRM1, to effectively integrate cost management with Building Information Modelling (BIM). In the NRM1 Cost Management Handbook, David Bengtson explains how to be used in familiar quantity surveying tasks, as well as a range of activities of crucial importance for professionals in years to come. Worked examples, flow charts, diagrams, templates and check lists ensure readers of all levels will become confident and competent in the use of NRM1. This book is essential reading for anyone working with NRM1, and is the most authoritative guide to join the industry.

A Comparative Study of British, European and American Codes and Practices
Structural Detailing in Concrete
A Manual of Practical Instruction in the Art of Stair-Building and Hand-Railing, and the Manifold Uses of the Steel Square
The Building News and Engineering Journal
Types of Stone, Details, Examples
History, Repair and Conservation
Stairs are a fundamental and universal feature of buildings. The late Alan Blanc had a lifetime's obsession with stairs and steps and provided a definitive reference source that bridges the aesthetic and practical aspects of staircase design. His wife Sylvia, who worked with him on the first edition, presents this updated, abridged version alongside a complimentary web site where the historical elements of the subjects are described and discussed in pictures and diagrams. The book is a practical guide to designing circulation spaces. It is extensively detailed with working drawings and photographs. Construction methods using a variety of materials are discussed as well as the influence of new technology on vertical circulation. The guidance on codes and regulations covers the UK and US. The latest high profile international case studies inspire and inform the reader.
The five volume series, Barry's Construction of Buildings, has been established as a standard text on building technology for many years. However, a substantial update has long been required, and while doing this the opportunity has been taken to reduce five volumes to two in a more user-friendly format. The introductory volume covers domestic construction and brings together material from volumes 1, 2 and part of 5. The extensive revision includes modern concepts on site assembly, environmental issues and safety, and features further reading.
United States Congressional Serial Set
Fire Prevention Inspection

The Modern Carpenter, Joiner, and Cabinet-maker
A Textbook of Building Construction
Staircases - Structural Analysis and Design
Chief Dunn—the recipient of FDNY's Lifetime Achievement Award—has updated his classic book on how to identify and survive hazards on the fireground. Dunn attempts to reduce firefighter deaths and injuries year after year by describing the 15 most dangerous tactics and the 13 most recurring fire and explosion environmental dangers, ranked by degree of danger and frequency of occurrence. This indispensable book will help keep every first responder, firefighter, and fire officer out of harm's way. It is a must-read and reread for every firefighter who responds to fires and emergencies, every company officer who commands a fire company, and every incident commander or safety officer who is responsible for the safety of firefighters on the fireground. NEW TO THIS EDITION • Examination of 'aggressive interior firefighting attack' and 'nonaggressive attack' • Discussion of risk intensity and risk frequency at the fireground • Visual representation and discussion of the NIST five-stage time/temperature fire growth curve showing temperatures before and after firefighter venting • Coverage of the Columbia University Capstone Project: FDNY Property Saved Indicator, with a formula to quickly calculate the dollar amount of property saved at a structure fire • Updated statistics, graphs, and charts
Structural Detailing in Concrete, 2nd Edition is essential reading for educators, designers, draftsmen and detailers and all others who have an interest in structural concrete work. It will serve both as a primer for trainee detailers and as a reference for more experienced personnel.

Brooklyn Eagle Library
Building Age
Building
Stair-Building and the Steel Square
The Engineer
Barry's Introduction to Construction of Buildings
For the students of B. E./B. Tech. And M. E./M. Tech. Civil Engineering
Ten chapters cover all the essentials, including the subjects of code requirements, stairwell framing, notched and housed stringers, L-shaped, and U-shaped and curved stair construction...many color photos and drawings to explain and expand on the text. It offers great value for the price.—"Wood Design & Building (1902)

Mitchell's Structure & Fabric
The Graphic Standards Guide to Architectural Finishes
A Handbook of Instruction for Fire Prevention Inspectors and for All Inspectorial and Executive Positions in the Fire Prevention Bureau of the City of New York ...
NRM1 Cost Management Handbook
Concrete-cement Age
The staircase dates back to the very beginning of architectural history. Virtually every significant building from the ziggurats of ancient Mesopotamia to the present day, has not only contained one or more staircases, but has celebrated them. For such an apparently simple part of a building they have been made in a bewildering variety of forms and from a wide range of materials. Every age has sought to out-perform the previous to produce ever more spectacular and gravity-defying designs. 'Staircases: History, Repair and Conservation' is the first major reference volume devoted entirely to the understanding of staircases and the issues surrounding their repair and conservation. Each chapter has been especially written by experts in their respective fields. The book is essential reading for professionals and anyone with an interest in staircases. It deals with the history; dating; archaeology; surveying and recording; engineering; curating; repair and conservation of the staircase in a single volume. No other book offers such a wide range of detail. The book is divided into three parts: Part 1 covers the history, development, identification and dating of staircases, providing detailed drawings and photographs and an introduction to the scientific techniques available to enable the accurate dating of staircases. Part 2 covers the design, engineering and maintenance of the staircase, giving a clear guide to the latest research into the design of safe staircases and their structural stability. Part 3 focuses on the materials commonly used to make stairs, detailing the appropriate techniques for their conservation and repair. The result is a comprehensive study encompassing considerable and far reaching research which aims to inform our understanding and advance the scholarship of the subject for years to come.

There is no widely recognized method for producing specifications of repair, improvement and conversion work, yet consistent documentation is fundamental to good client communications and consistent pricing. This new edition of a highly regarded reference work sets out a method of producing specifications for minor works by prescribing the common terminology and a logical sequence for scheduling work.

A General Reference Work on Fire and Fire Losses, Fireproof Construction, Building Inspection, Inspectors' Reports ... [etc.]

A Complete Guide to Current Practice
DESIGN OF REINFORCED CONCRETE STRUCTURES
Technical and Design Instructions for Stairs Made of Wood, Steel, Concrete, and Natural Stone
Dressed Stone
Cyclopedia of Fire Prevention and Insurance
From ARCOM and The American Institute of Architects A complete visual guide to choosing and using finish materials In this unique guide, the authors of MASTERSPEC and Architectural Graphic Standards join forces to offer architects vital single-source access to the unbiased information they need to evaluate, select, and specify the best finish materials for any job. This powerful visual resource combines hundreds of illustrations from Architectural Graphic Standards with corresponding building material performance and specification information from AIA's MASTERSPEC, published by ARCOM. Use this book during the schematic design development phases of a project and as an indispensable aid for product selection and specification. Essential for architects, interior designers, and building designers, this vital reference provides information to make informed decisions about specific design goals, such as affordability, environmental friendliness, durability, fire resistance, and esthetic success. Features include: • Unique source of independent, in-depth building product performance information—the one source that gives you reliable building product information before you consult with manufacturers • Covers a full range of standard finish materials and includes selection criteria, details, typical product sizes, and installation and maintenance data • Provides current standards based on research by government, association, and independent testing organizations as well as the input of experienced architects and specifiers • Architectural Graphic Standards has served the design community for decades as a virtual 'bible' for architectural detailing. MASTERSPEC Evaluations have long comprised one of the best resources available for building product selection and specification. Consolidating the strong points of both into this new desktop reference is an act of sheer brilliance!" —Martin M. Bloomenthal, FAIA, CCS, CSI, Principal, The Hillier Group, Princeton, New Jersey

This book covers the whys and hows of sound construction, with step-by-step instructions showing how to handle the details in all construction.

A General Reference Work

Techniques of Staircase Construction

Building Construction Handbook

Plans, specs, building

The Bulletin

Concrete [Detroit]

In recent years both free-standing and geometric staircases have become quite popular. Many variations exist, such as spiral, helical, and elliptical staircases, and combinations of these. A number of researchers have come forward with different concepts in the fields of analytical and numerical design and of experimental methods and assessments. The aim of this book is to cover all these methods and to present them with greater simplicity to practising engineers. Staircases is divided into five chapters: Specifications and basic data on staircases; Structural analysis of staircases – Classical methods; Structural analysis of staircases – Modern methods; Staircases and their analysis – A comparative study; Design analysis and structural detailing. Charts and graphs are included and numerous design examples are given of freestanding and other geometric staircases and of their elements and components. These examples are related to the case studies which were based on staircases that have already been constructed. All examples are checked using various Eurocodes. The book includes bibliographical references and is supported by two appendices, which will be of particular interest to those practising engineers who wish to make a comparative study of the different practices and code requirements used by various countries; detailed drawings are included from the USA, Britain, Europe and Asia. Staircases will serve as a useful text for teachers preparing design syllabi for undergraduate and post graduate courses. Each major section contains a full explanation which allows the book to be used by students and practising engineers, particularly those facing the formidable task of having to design/ detail complicated staircases with unusual boundary conditions. Contractors will also find this book useful in the preparation of construction drawings and manufacturers will be interested in the guidance given.

Handling this traditional but still captivating building material has its quirks, today perhaps more than ever. On the one hand it can no longer be taken for granted that stonemasonry skills will be readily available, while there are also new requirements and applications, not to mention damaging environmental influences, that create uncertainty for planners and implementers. This book is designed to provide assistance. - From cornice to curtain-walling: all details in words and sectional drawings - Are you looking for a particular stone? The most important domestic types of stone with supplier details - Various surface treatments and their visual effect - Documentation of 15 selected example applications

Staircases

Stairs

Building Engineering and Systems Design

Standard Method of Specifying for Minor Works

Legislative Journal

Construction Materials

Staircases History, Repair and Conservation Routledge

Ideal for students on all construction courses Topics presented concisely in plain language and with clear drawings Fully updated to include all revisions to Building and Construction regulations Building Construction Handbook is an authoritative reference for all construction students and professionals. It is full of detailed drawings that clearly illustrate the construction of building elements. The principles and processes of construction are explained with the concepts of design included where appropriate. Extensive coverage of building construction practice and techniques, representing both traditional procedures and modern developments, are also included to provide the most comprehensive and easy to understand guide to building construction. This new edition has been updated to reflect the 2011 changes to the building regulations, as well as new material on energy performance, and substantial revisions of the section on structures. Building Construction Handbook is the essential, easy-to-use resource for undergraduate and vocational students on a wide range of courses including NVQ and BTEC National, through to Higher National Certificate and Diploma, to Foundation and three-year Degree level. It is also a useful practical reference for building designers, contractors and others engaged in the construction industry.

Safety and Survival on the Fireground

Using MASTERSPEC to Evaluate, Select, and Specify Materials

Concrete

The Builder

The American School Board Journal

Architectural Iron Design and Detailing (as Required by the Law of New York)

A new edition of the best selling title in the prestigious Mitchell's Building Series. This book is the first of a two volume set which provides a complete and thorough treatment of the principles and techniques used in the design and construction of a building. This new edition has been thoroughly updated to bring it into line with recent changes in British Standards and developments in construction techniques while retaining the comprehensive approach for which it is renowned.

Designed primarily as a text for the undergraduate students of civil engineering, this compact and well-organized text presents all the basic topics of reinforced concrete design in a comprehensive manner. The text conforms to the limit states design method as given in the latest revision of Indian Code of Practice for Plain and Reinforced Concrete, IS: 456 (2000).

This book covers the applications of design concepts and provides a wealth of state-of-the-art information on design aspects of wide variety of reinforced concrete structures. However, the emphasis is on modern design approach. The text attempts to: • Present simple, efficient and systematic procedures for evolving design of concrete structures. • Make available a large amount of field tested practical data in the appendices. • Provide time saving analysis and design aids in the form of tables and charts. • Cover a large number of worked-out practical design examples and problems in each chapter. • Emphasize on development of structural sense needed for proper detailing of steel for integrated action in

various parts of the structure. Besides students, practicing engineers and architects would find this text extremely useful.

Report on Condition of Woman and Child-wage Earners in the United States: Men's ready-made clothing

Constructing Staircases, Balustrades & Landings

Types, Uses and Applications

"Stair-Building and the Steel Square:A Manual of Practical Instruction in the Art of Stair-Building and Hand-Railing, and the Manifold Uses of the Steel Square" by Fred T. Hodgson Considered by many craftsmen as a necessary part of one's education in woodworking and carpentry, Hodgson manages to captivate audiences decades after his work was first published. The skill and passion felt by Hodgson for his craft is palpable and has made this book not just a piece of learning material, but also a piece of entertainment for artisans young and old alike.

Staircases, which today are equally the responsibility of joiners The increasing demand for textbooks on the techniques of stair and carpenters, have had a varied history over the last thirty construction is due to two main factors: . years. Until 1945 nearly all staircases, even those in large residential blocks, were made of wood. Because of the amount of 1. The relatively small dwellings that were built twenty to thirty years ago are no longer regarded as acceptable. New regulations frequently stipulated nonflammable materials for almost all constructions concerning noise and heat insulation as well as for all stairs. Government aid available to finance such projects have, in addition, resulted in a decline in the quality of stair construction:

dition, stimulated the rebuilding and thus the design of more what is more, fewer and fewer craftsmen were trained for this generously proportioned dwellings, including, of course, rewarding and varied branch of woodworking craftsmanship, staircases. This is a regrettable development, since good stair builders must combine the design capabilities and three-dimensional approach 2. The style of living has changed. The time when sober intentions of the carpenter with the exact and neat craftsmanship of the joiners were the order of the day has gone. Excessive nostalgic efforts. Techniques of Staircase Construction therefore provides welcome reversal to previous styles has also passed.