

General Product Information Rockwool Insulation

The part of this book covering pathogenesis and modes of action begins with a chapter on the physicochemical properties of asbestos fibers and a chapter on the deposition and retention of fibers within the lung and their clearance. Some of the effects of asbestos can be reproduced in animal experiments, and the book includes a full review of the results from animal studies using various routes of administration of fibers. It is also generally accepted that the effects of fibers on pulmonary macrophages is central to all fiber-induced pathology, and the release of macrophage-associated inflammatory and immunological mediators is dealt with in a further chapter. Examination of pathogenicity by cell culture is described, and areas covered include the role of free radicals and cellular mechanisms in producing genetic damage. The fiber-induced activation of some second messenger pathways is also described, with consideration of whether or not similar cellular mechanisms are responsible for all the clinical conditions associated with fiber exposure. Knowledge of the mechanisms involved should be valuable in the development of safe fibers and the prevention of human exposure to new materials that are dangerous as asbestos. The final chapters expound and resolve the conflicts in evidence, discuss the importance of fibers for human well-being and the possible health impact on nonmineral alternatives, and evaluate risks to the public

This book provides an up-to-date survey of modern industrial inorganic chemistry in a clear and concise manner. Production processes are described in close detail, aspects such as the disposition of raw materials and energy consumption, the economic significance of the product and technical applications, as well as ecological problems, being discussed. From reviews of the previous edition: '... Overall this is an extremely useful, authoritative reference book dealing with a topic in which it is often difficult to obtain up-to-date information. ...' Chemistry and Industry 'One of few texts available that concisely describes the current state of industrial inorganic chemistry. ...' The New York Public Library '... and as for modern uses of inorganic chemistry, I'd recommend this book as a welcome addition to any professional library...' Chemtech 'This book fills an important niche in its sector. Industrial scientists and engineers, academics, and students can be recommended to turn to it with reasonable confidence that the most important areas are described. ...' Endeavour '... it fills a currently existing gap in the market.' Journal of Chemical Technology and Biotechnology

Sixteenth Census of the United States: 1940

Hearings Before Subcommittee No. 3 of the Committee on the Judiciary, House of Representatives, Seventy-ninth Congress, First Session on H.R. 2357

Architect's Handbook of Construction Detailing

A Symposium, Dallas, Texas, May 3 and 4, 1966

Manufactures: 1939 ...

The Ecologies of the Building Envelope

Significantly updated with revisions to nearly all 200-plus details, this second edition of Architect's Handbook of Construction Detailing provides architects, engineers, interior designers, contractors, and other building professionals with all of the common construction details, materials information, and detailing concepts used throughout the industry. The information can be used as is or modified to fit individual project designs. Each of book's seven sections -- formatted to follow the new six-digit CSI MasterFormat system -- contains details and related information, including descriptions, detailing considerations, material requirements, installation requirements, tolerance coordination, and likely failure points. Additionally, SI (metric) equivalents have been added to all dimensions.

Insulating materials remain as important as ever. The range of available kinds is constantly increasing. Thanks to their heat-insulating properties, they help save heating and cooling energy and reduce CO2 emissions. Detail Practice: Insulating Materials offers a comprehensive catalogue of insulating materials for use in construction. Notes on the individual types of insulating materials provide information on the raw materials they contain as well as their typical attributes, areas of application, and delivery forms. Tables with physical characteristic values and indications regarding health and environmental safety enable the reader to compare different insulating materials. An overview of European regulations and norms pertaining to insulating materials, with notes on product labeling and certification, helps with the process of planning and publishing invitations to tender. Criteria are presented for selecting the appropriate insulating material for the job. In addition, a nuanced description of the environmental effects of insulating materials opens up an enormous optimization potential for using them sustainably.

Home Insulation with Mineral Products

PPI ARE 5.0 Exam Review All Six Divisions, 2nd Edition eText - 3 Months, 6 Months, 1 Year

Hearings

Environmental Health Series

Hearings Before the Subcommittee on Energy and Power of the Committee on Interstate and Foreign Commerce, House of Representatives, Ninety-fifth Congress, First Session ...

The Ecologies of the Envelope theorizes the building envelope as a literal embodiment of the social, political, technological, and economic contingencies which have become embedded within it over the last century, analyzing the historical lineages, heroes and villains that helped define the complex material ecologies we see within the envelope today. While the façade is one of the most thoroughly theorized elements of architecture, it is also one of the most questioned since the end of the 19th century. Within the discipline of architecture, the traditional understanding of the façade focuses primarily on semiotic and compositional operations (such as proportional laws and linguistic codes), which are deployed on the building's surface. In contrast to this, our material and environmental theory of the envelope proposes that the exponential development of building technologies since the mid-19th century, coupled with new techniques of management and regulation, have diminished the compositional and ornamental capacities of the envelope in favor of material, quantitative, and technical performances. Rather than producing a stylistic analysis of the façade, we investigate the historical lineages of the performances, components, assembly types, and material entanglements that constitute the contemporary building envelope.

Popular Mechanics inspires, instructs and influences readers to help them master the modern world. Whether it's practical DIY home-improvement tips, gadgets and digital technology, information on the newest cars or the latest breakthroughs in science -- PM is the ultimate guide to our high-tech lifestyle.

Build Smarter with Alternative Materials

Air pollution

Interior Department Appropriation Bill for 1947 Hearings ... 79th Congress, 2d Session

Authorizations and Other Amendments to the Consumer Product Safety Act

Written Comments on Certain Tariff and Trade Bills

Interior Department Appropriation Bill for 1947: Southwestern Power Administration

Industrial Minerals and Rocks(nonmetallics Other Than Fuels)Insulating MaterialsPrinciples, Materials, ApplicationsWalter de Gruyter

Reports the conclusions of a scientific working group of 19 experts from 11 countries convened by the Monographs Programme of the International Agency for Research on Cancer (IARC) on the re-evaluation of the carcinogenic risk of airborne man-made vitreous fibres.

To Amend Sections 7 and 11 of the Clayton Act

Control and Disposal of Cotton-ginning Wastes

Medical and Legal Aspects

Loose-fill Insulations

Hearings Before Subcommittee No. 2 of the Committee on the Judiciary, House of Representatives, Eightieth Congress, First Session on H.R. 515

Asbestos

GREEN BUILDING: PRINCIPLES AND PRACTICES IN RESIDENTIAL CONSTRUCTION provides a current, comprehensive guide to this exciting, emerging field. From core concepts to innovative applications of cutting-edge technology and the latest industry trends, this text offers an in-depth introduction to the construction of green homes. Unlike many texts that adopt a product-oriented approach, this book emphasizes the crucial planning, processes, and execution methods necessary for effective, environmentally sound construction. This text demonstrates that Earth-friendly products and energy-efficient materials take planning in order to make a building truly green. This visionary text helps students and professionals develop the knowledge and skills to think green from start to finish, empowering and inspiring them to build truly sustainable homes. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Vols. for May 1929-Dec. 1958 include the Journal of the American Society of Heating and Air-Conditioning Engineers (called in 1929-54 American Society of Heating and Ventilating Engineers) in "Journal section."

Industrial Minerals and Rocks

Heating, Piping, and Air Conditioning

Man-made Vitreous Fibres

Air Pollution Engineering Manual

Interior Dept

A Material History and Theory of Architectural Surfaces

Plant engineers are responsible for a wide range of industrial activities, and may work in any industry. This means that breadth of knowledge required by such professionals is so wide that previous books addressing plant engineering have either been limited to only certain subjects or have been too general. The Plant Engineering Handbook offers comprehensive coverage of an enormous range of subjects which are of vital interest to the plant engineer and anyone connected with industrial operations or maintenance. This handbook is packed with indispensable information, from definition of terms to detailed procedures. It covers, through selection of a suitable site for a factory and provision of basic facilities (including boilers, electrical systems, water, HVAC systems, pumping systems and floors and finishes) to issues such as lubrication, corrosion, energy conservation, maintenance and materials handling. It also covers safety, health and environmental considerations, insurance matters and financial concerns. One of the major features of this volume is its comprehensive treatment of the maintenance management function; in addition to chapters which outline the operation of the various plant equipment there is specialist advice on the selection, operation, maintenance and repair of equipment and its operators. This will enable the reader to reap the rewards of more efficient operations, more effective employee contributions and in turn more profitable performance from the plant and the business to which it contributes. The Editor, Keith Mobley and the text has been written by leading experts in their fields. This book is essential reading for all plant engineers and those who work with them. Produced in association with Plant Engineering magazine, this book will be a source of information for plant engineers in any industry worldwide. * A flagship reference work for the Plant Engineering profession. * Comprehensive coverage on an enormous range of subjects vital to plant and industrial engineer * Includes an international perspective including dual units and regulations

Written by one of the leading asbestos experts for attorneys, occupational and environmental health professionals, and others in the field of toxic substances control, this updated resource provides a comprehensive examination of the public health history of asbestos. Includes information on the latest research, regulatory updates, and responsibility for asbestos hazards and detailed discussion of alternatives to asbestos.

Mineral Wool Insulation for Low Temperatures

Plant Engineer's Handbook

Green Building: Principles and Practices in Residential Construction

Principles, Materials, Applications

Competitive Aspects of President Carter's Energy Plan : Hearings Before the Subcommittee on Antitrust and Monopoly of the Committee on the Judiciary, United States Senate, Ninety-fifth Congress, First Session ... June 23 and July 15, 1977

Interior Department Appropriation Bill for 1947

This is the book for construction professionals who want a clear understanding of alternative materials and how using them can enhance their projects -- both residential and commercial. It covers the materials -- including their strengths and any limitations -- as well as installation tips and manhour estimates. For each product listed, you'll learn where you can get it, including phone numbers and Website addresses of the manufacturers. Every builder needs a niche. This book is full of new, exciting materials that you can offer your customers with confidence.

NCARB Approved for all Six Divisions PPI's second edition of the ARE 5.0 Exam Review by David Kent Ballast offers a comprehensive review of content areas covered in all six NCARB ARE 5.0 division exams.

Building on the first edition, the content has been thoroughly reviewed and updated to the ARE 5.0 exam objectives for all six divisions Key Features: NEW! NCARB approvals on all six divisions A thorough review of all exam objectives to prepare you to pass all six divisions Over 150 example questions reinforce what you've learned and clarify how to apply key architectural concepts Pages tabbed in six different colors, one for each division, for easy lookup of a particular exam division Hundreds of tables and figures to facilitate referencing and problem solving Advice, tips, and exam taking strategies to prepare you for exam day Binding: Paperback Publisher: PPI, a Kaplan Company All Six ARE 5.0 Exam Divisions Covered Comprehensively Practice Management Project Management Programming & Analysis Project Planning & Design Project Development & Documentation Construction & Evaluation

Insulating Materials

Conserves Fuel, Reduces Cost, Increases Comfort

Materials and Systems

Publication No. AP.

Thermal Insulation

Hearings Before the Subcommittee on Consumer Protection and Finance of the Committee on Interstate and Foreign Commerce, House of Representatives, Ninety-fifth Congress, Second Session on H.R. 10819 ...

and H.R. 10637 and S. 2401 ... February 24 and 28, 1978

The EPA's proposal for a Comprehensive Procurement Guideline designating items that are or can be made with recovered materials. Covers: background (materials in solid wastes; benefits of recycling; requirements; criteria for selecting items for designation; and methodology for selecting items for designation); paper and paper products; vehicular products; construction products; transportation products; park and recreation products; landscaping products; non-paper office products and more. Tables.

Competitive Aspects of President Carter's Energy Plan

Chemical Engineering Catalog

Hearings Before the Subcommittee on Antitrust and Monopoly of the Committee on the Judiciary, United States Senate, Ninety-fifth Congress, First Session on the President's National Energy Program, June 23 and July 15, 1977

Industrial Inorganic Chemistry

Hearings Before the Subcommittee of the Committee on Appropriations, House of Representatives, Seventy-ninth Congress, Second Session, on the Interior Department Appropriation Bill for 1947

National Energy Act