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***Cmu Wall Systems  
Fire Resistant  
Joints Owens  
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The Fire and Life Safety

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Inspection Manual, Ninth Edition is the most up-to-date inspection reference manual for those interested in fire protection, fire safety, and life safety inspections. It provides step-by-step guidance through the

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complete fire inspection process, with special emphasis on life safety considerations. This text identifies dangerous and hazardous conditions that could be encountered in a structure and spells out the chief areas the

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inspector should be focused on during an inspection. Inspectors should use the Fire and Life Safety Inspection Manual, Ninth Edition to identify existing deficiencies, imminently dangerous conditions, or a fault

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in a procedure or protocol that may result in a fire. Six new chapters have been added to make sure fire inspectors have the knowledge and resources available to effectively conduct all types of fire inspections.

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These new chapters include:

Chapter 5 Certification and  
Training for Inspectors Chapter 6  
Green Technologies and the  
Inspector Chapter 24  
Commissioning Process for Fire  
Protection Systems Chapter 25

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Accessibility Provisions Chapter  
26 Grass, Brush, and Forest Fire  
Hazards Chapter 27 Tunnels  
More than three hundred codes  
and standards form the basis for  
the criteria, recommendations,  
and requirements that are found

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throughout the text. Early chapters provide important background information, while the second half presents inspection guidelines for specific fire protection systems and occupancies that are based on



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the Life Safety Code(r). This text is packaged with an access code that provides free access to easy-to-follow checklists to help you remember and record every important detail. Whether you re just starting your career as a fire

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inspector or ready to brush up on the basics, the Fire and Life Safety Inspection Manual, Ninth Edition has the reliable inspection advice you need." Features a brief and simple overview of the major home

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systems and is referenced throughout each of the system-specific textbooks in the series. Official Gazette of the United States Patent and Trademark Office

A Guide to Fireground Safety

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Stack Venting of Plumbing  
Fixtures

Extended Application of Results  
from Fire Resistance Tests.

Loadbearing Masonry Walls

Fire Technology Abstracts

Building Systems for interior designers

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Second Edition Corky Binggeli, asid  
The updated guide to technical  
building systems for interior designers  
As integral members of the building  
design team, interior designers share  
an increasingly complex and crucial  
role. Now revised in its second edition,  
Building Systems for Interior

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Designers remains the one go-to resource that addresses the special concerns of the interior designer within the broader context of the rest of the building design team. Building Systems for Interior Designers, Second Edition explains technical building systems and engineering

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issues in a clear and accessible way to interior designers. Covering systems from HVAC to water and waste to lighting, transportation, and safety, author Corky Binggeli enables interior designers to communicate more effectively with architects, engineers, and contractors; collaborate effectively

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on projects; and contribute to more accurate solutions for a broad range of building considerations. Among the many improvements in the Second Edition are: A deeper engagement with sustainable building design, giving the interior designer the resources needed to participate as part of a



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sustainable design team A reshaped structure that enhances the reader's understanding of the material Many more illustrations and explanatory captions With a host of features to make the book more up to date, easier to use, and more effective as an instructive guide, Building Systems for

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Interior Designers, Second Edition is a valuable book for students as well as a practical desktop reference for professionals.

A Complete Facility Fire Brigade Training Solution The National Fire Protection Association (NFPA) and the International Association of Fire Chiefs

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(IAFC) are pleased to bring you the Second Edition of Facility Fire Brigade: Principles and Practice, a modern integrated teaching and learning system for four levels of a Facility Fire Brigade. These four levels are:  
Incipient Facility Fire Brigade Member  
Advanced Exterior Facility Fire

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Brigade Member Interior Structural  
Facility Fire Brigade Member Facility  
Fire Brigade Leader. Today's facility  
fire brigade members protect all types  
of facilities. As they answer these  
calls, it is imperative that no gaps in  
knowledge compromise their  
effectiveness or their safety in

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protecting who they serve. Facility fire brigade members need up-to-date, comprehensive training materials to thoroughly prepare for any situation that may arise. Current Content This text addresses the 2018 Edition of the NFPA 1081, Standard for Facility Fire Brigade Member Professional

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Qualifications. It also provides essential guidance for compliance with OSHA Regulations 29 CFR § 1910.156, as well as NFPA 600, Standard on Facility Fire Brigades. Dynamic Features The features found in the text will help your students take that extra step toward becoming

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outstanding fire brigade members.

They include: Detailed Case Studies

Expanded Skill Drills Advice and

encouragement from veteran facility

brigade leaders

Architects' Data

Fire and Life Safety Inspection Manual

Architectural Working Drawings

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A Practical Guide for Architects  
Building Technology Publications,  
1965-1975

**Now more than ever, architects  
need an interpretive guide to  
understand how the building code  
affects the early design of specific  
projects. This easy-to-use,**



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**illustrative guide is part of a new series covering building codes based on the International Building Code for 2006. This book presents the complex code issues inherent to healthcare facility design in a clear, easily understandable format. Annotation. This guide shows**

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**facility managers how to conduct a roofing system assessment and choose the optimal roofing system at the minimum cost. Reid, a facility engineer, covers weather effects on roofing systems, roofing construction materials, insulation and weatherproofing membranes,**

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**energy system calculations,  
fasteners and flashings,  
penetrations through the system  
membrane, project management,  
unconventional roofing structure,  
warranty and maintenance, and  
safety and liability.**

**Structural Design**

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**Home Reference Book  
Building Codes Illustrated for  
Healthcare Facilities  
Fire Resistance of Walls of  
Lightweight-aggregate Concrete  
Masonry Units  
Publications of the National  
Institute of Standards and**

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**Technology 1988 Catalog**

Construction systems parts, Fire tests,  
Fire resistance, Walls, Loadbearing  
walls, Blocks (building), Interior walls,  
Exterior walls, Construction materials,  
Design, Mathematical calculations,  
Compressive strength, Density,  
Loading, Mortars, Plasters

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The Definitive Guide to Designing Reinforced Masonry Structures Fully updated to the 2009 International Building Code (2009 IBC) and the 2008 Masonry Standards Joint Committee (MSJC-08), Design of Reinforced Masonry Structures, second edition, presents the latest

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methods for designing strong, safe, and economical structures with reinforced masonry. The book is packed with more than 425 illustrations and a wealth of new, detailed examples. This state-of-the-art guide features strength design philosophy for reinforced masonry

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structures based on ASCE 7-05 design loads for wind and seismic design. Written by an internationally acclaimed author, this essential professional tool takes you step-by-step through the art, science, and engineering of reinforced masonry structures. **COVERAGE INCLUDES:**



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Masonry units and their applications  
Materials of masonry construction  
Flexural analysis and design Columns  
Walls under gravity and transverse  
loads Shear walls Retaining and  
subterranean walls General design  
and construction considerations  
Anchorage to masonry Design aids

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and tables  
Masonry and Concrete

A Manual of Facts on Concrete  
Masonry  
Publications  
Military Construction Appropriations for  
1988: Justification of the budget

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estimates, Navy, defense agencies,  
and NATO

A valuable addition to  
the popular Residential  
Construction Academy  
series, this book  
introduces and explains

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modern residential  
masonry construction  
procedures, as well as  
current building and  
construction industry  
safety regulations  
relevant to the field.

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Beginning masons,  
designers, homebuilders,  
students, and  
apprentices alike will  
benefit from the clear  
diagrams and step-by-  
step procedures. With

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technical information  
from nationally  
recognized trade  
associations like the  
National Association of  
Home Builders, Masonry  
Brick and Block

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Construction is a must-have for the aspiring mason. Important Notice: Media content referenced within the product description or the product text may not be

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available in the ebook  
version.

The Complete Fire  
Inspector I and II  
Training Solution! Fire  
inspectors need to know  
how to interpret and



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apply national and local codes and standards in the office and in the field. Fire Inspector: Principles and Practice is designed to prepare fire inspectors to

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ensure the highest standards of fire and life safety in their communities. The National Fire Protection Association (NFPA) and the International

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Association of Fire  
Chiefs (IAFC) are  
pleased to bring you  
Fire Inspector:  
Principles and Practice,  
a modern integrated  
teaching and learning

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system for the fire  
inspector. This textbook  
meets and exceeds the  
job performance  
requirements for level I  
and II fire inspectors  
from Chapters 4 and 5 of

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NFPA 1031, Standard for  
Professional  
Qualifications for Fire  
Inspector and Plan  
Examiner, 2009 Edition.  
Fire Inspector:  
Principles and Practice

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is built on a solid foundation of the basics: building construction, fire growth, and types of occupancies. This fundamental knowledge is

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presented in a concise,  
understandable writing  
style that is easy to  
digest and recall. The  
solid foundation of fire  
and building knowledge  
then branches out to

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show the fire inspector  
how abstract concepts  
and codes will be  
concretely applied on a  
daily basis. This is the  
text that truly prepares  
fire inspectors for the



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real world.

Patents

Architectural Graphic

Standards for

Residential Construction

An Introduction to Glass

and Metal, and Masonry

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Building Wall Systems  
Building Systems for  
Interior Designers  
Roofing & Cladding  
Systems

*This text is an essential aid in  
the initial design and planning*

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*of a building project. Organised largely by building type, it covers user requirements, planning criteria, basic dimensions and considerations of function and siting.*

*Designing structures to*

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*withstand the effects of fire is  
challenging, and requires a  
series of complex design  
decisions. This third edition of  
Fire Safety Engineering Design  
of Structures provides practising  
fire safety engineers with the*

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*tools to design structures to  
withstand fires. This text details  
standard industry design  
decisions, and offers  
Collapse of Burning Buildings,  
2nd Edition  
A Guide to Understanding the*

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*2006 International Building  
Code*

*Publications of the National  
Institute of Standards and  
Technology ... Catalog*

*Report of Subcommittee on  
Building Codes Central Housing*

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*Committee on Research,  
Design, and Construction  
Supplementary List of  
Publications of the National  
Bureau of Standards, July 1,  
1947, to June 30, 1957  
A guide to building*

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*standards of residential  
architecture.*

*The classic guide for  
students and young  
professionals, fully  
revised and updated This  
new edition of the classic*



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*text that has become a  
standard in architecture  
curricula gives students  
in-depth understanding and  
insight for improving  
architectural working  
drawings through the*

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*integration of traditional guidelines, standards, and fundamentals with today's CAD operations. Ralph Liebing uses detailed coverage to emphasize the importance of learning the*

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*basics first, while encouraging mastery and application of a broad array of techniques and procedures. Architectural Working Drawings, Fourth Edition provides clear*

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*explanations of why these drawings are required, what they must contain to be relevant, the importance of understanding drawing intent and content, and*

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*how to combine individual drawings into meaningful and construction-ready sets. Using hundreds of real-world examples from a geographically diverse base, this book covers*

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*everything from site plans, floor plans, and interior and exterior elevations to wiring schematics, plumbing specifications, and miscellaneous details.*

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*Nearly 500 illustrations provide examples of the best and the worst in architectural working drawings. This Fourth Edition contains a wealth of new and updated*

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*material, including: \* A  
new chapter of CAD case  
studies as well as  
substantially increased  
and integrated CAD  
coverage throughout the  
book \* New drawing*



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*coordination systems from  
the Construction  
Specifications Institute  
and AIA \* A new chapter on  
the coordination of  
working drawings and  
specifications \* More than*

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*140 new illustrations  
reflecting the methods for  
improving CAD drawings  
Architectural Working  
Drawings is the ideal  
guide for students and  
young professionals who*

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*seek a solid foundation  
and a broad knowledge of  
emerging technologies to  
prepare for the marvelous  
and unpredictable future  
in which their careers  
will unfold. RALPH W.*

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*LIEBING is currently a Senior Architect/Group Leader with Lockwood Greene, Engineers, in Cincinnati, Ohio. He is a registered architect and a Certified Professional*

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*Code Administrator. He has  
taught architecture at the  
University of Cincinnati  
School of Architecture and  
architectural technology  
at ITT Technical  
Institute, as well as*

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*servicing as building  
commissioner for Ohio's  
Hamilton County in the  
Cincinnati area.*

*Residential Construction  
Academy: Masonry, Brick  
and Block Construction*

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*Wind Pressures in Various  
Areas of the United States  
A Guide for Facility  
Managers  
Extended Application of  
Results from Fire  
Resistance Tests.*

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*Nonloadbearing Walls.  
Masonry and Gypsum Blocks  
Facility Fire Brigade:  
Principles and Practice  
Fire Resistance of Walls of Gravel-  
aggregate Concrete Masonry Units  
Fire  
Resistance of Walls of Lightweight-*



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aggregate Concrete Masonry

Units Residential Construction Academy:

Masonry, Brick and Block

Construction Cengage Learning

1. General collapse information 2. Terms  
of construction and building design 3.

Building construction: firefighting  
problems and structural hazards 4.

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Masonry wall collapse 5. Collapse dangers of parapet walls 6. Wood floor collapse 7. Sloping peak roof collapse 8. Timber truss roof collapse 9. Flat roof collapse 10. Lightweight steel roof and floor collapse 11. Lightweight wood truss collapse 12. Ceiling collapse 13. Stairway collapse 14. Fire escape dangers 15. Wood-frame

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building collapse 16. Collapse hazards of buildings under construction 17. Collapse caused by master stream operations 18. Search-and-rescue at a building collapse 19. Safety precautions prior to collapse 20. Why the World Trade Center Towers collapsed 21. High-rise building collapse 22. Post-fire analysis 23. Early floor

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collapse EPILOGUE: Are architects,  
engineers, and code-writing officials  
friends of the firefighters?

With Subject and Author Indexes  
Recommended Building Code  
Requirements for New Dwelling  
Construction with Special Reference to  
War Housing

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Reclamation Manual: Design and construction, pt. 2. Engineering design: Design supplement no. 2: Treatise on dams; Design supplement no. 3: Canals and related structures; Design supplement no. 4: Power systems; Design supplement no. 5: Field installation procedures; Design supplement no. 7: Valves, gates, and steel

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conduits; Design supplement no. 8:  
Miscellaneous mechanical equipment and  
facilities; Design supplement no. 9:  
Buildings; Design supplement no. 10:  
Transmission structures; Design  
supplement no. 11: Railroads, highways,  
and camp facilities  
Effect of Aging on the Soundness of

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Regularly Hydrated Dolomitic Lime  
Putties

Design of Reinforced Masonry Structures  
The only all-inclusive,  
accessible reference for all  
aspects of building with  
masonry and concrete for  
residential purposes - ideal

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for residential builders,  
contractors, remodelers, and  
other professionals Part of  
the Complete Construction  
Series, this design-it,  
specify-it, and build-it  
source aids decision-making  
and construction performance



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by illustrating and explaining the function and behavior of each material Provides problem-avoiding insights into installation, construction, storage, and cleaning techniques - filled with tables, graphs, and

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over 100 illustrations  
Introductory technical  
guidance for civil  
engineers, structural  
engineers, architectural  
engineers and construction  
managers interested in metal  
and glass, and masonry

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curtain wall systems for buildings. Here is what is discussed: 1. GLASS AND METAL CURTAIN WALLS 2. MASONRY WALL SYSTEMS. Building Materials and Structures Report  
Fire Resistance of Walls of

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Gravel-aggregate Concrete  
Masonry Units

Sweet's General Building &  
Renovation

Fire Inspector: Principles  
and Practice

Essentials of Home  
Inspection

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*Construction systems parts, Walls, Non-loadbearing walls, Fire tests, Fire resistance, Structural fire protection, Fire safety in buildings, Blocks (building), Bricks, Clay, Calcium silicate bricks, Concretes, Cellular concrete, Aggregates, Mortars, Fire-*

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*test classifications*

*Written for the practicing architect,  
Structural Design addresses the process  
on both a conceptual and a  
mathematical level. Most importantly,  
it helps architects work with  
structural consultants and understand*

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*all the necessary considerations  
whendesigning structural systems.  
Using a minimum of simple math,  
thisbook shows you how to make  
correct design calculations  
forstructures made from steel, wood,  
concrete, and masonry. What?smore,*

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*this edition has been completely updated to reflect the latest design methods and codes, including LRFD for steel design. The book was also re-designed for easy navigation. Essential principles, as well as structural solutions, are*



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*visually reinforced with hundreds of drawings, photographs, and other illustrations--making this book truly architect-friendly.*

*The Architect's and Builder's Guide to Design, Planning, and Construction Details*

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*Atmospheric Exposure Tests of Nailed  
Sheet-metal Building Materials  
Building Engineering and Systems  
Design  
Fire Safety Engineering Design of  
Structures  
Fifteen-year Exposure Test of*

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*Porcelain Enamels*