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Time-saver Details for Roof Design James Stephen Hardy, Stephen T. Hardy, 1998 This volume enables architects and contractors to quickly compare available architectural components and systems so they can easily select the most time and cost efficient roof system for any building need Features standard dimensions and specifications for each type of major roofing system complete with coverage of relevant building codes and liability issues **Report 26: Towards Sustainable Roofing - Report of CIB W.83/RILEM TC 166-RMS - Environmental Task Group** Thomas W. Hutchinson, Keith Roberts,

Manual of Low-Slope Roof Systems : Fourth Edition C.W. Griffin, Richard Fricklas, 2006-01-26 For decades this manual has been the most widely respected guide to designing constructing and maintaining low slope roofing systems

Architectural Graphic Standards American Institute of Architects, Keith E. Hedges, 2017-04-18 ARCHITECTURAL GRAPHIC STANDARDS THE LANDMARK UPDATE OF THE MOST RECOGNIZED STUDENT RESOURCE IN ARCHITECTURE The Student Edition of the iconic Architectural Graphic Standards has been a rite of passage for architecture building and engineering students for more than eighty years Thoughtfully distilled from the Twelfth Edition of Architectural Graphic Standards and reorganized to meet the specific needs of today s students this fully updated Student Edition shows you how to take a design idea through the entire planning and documentation process This potent resource stays with you through your academic experience and into your first years as a professional with thousands of useful illustrations and hundreds of architectural elements conveniently placed at your fingertips Presented in a format closely resembling an architect s actual workflow this Twelfth Edition student handbook features Completely new material on resiliency in buildings A versatile treatment written for the design studio setting and aligned with the most current curricular trends including new and updated coverage on topics related to sustainability digital fabrication and building information modeling BIM A proven pedagogy that saves students time and ensures young professionals avoid the most common pitfalls Develop a state of the art mastery of design best practices with Architectural Graphic Standards Twelfth Edition Student Edition **Architectural Sheet Metal Manual** , 1993 **Olin's Construction** H. Leslie Simmons, 2011-12-20 Get the updated industry standard for a new age of construction For more than fifty years Olin s Construction has been the cornerstone reference in the field for

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Research in Building Physics and Building Engineering Paul Fazio, Hua Ge, Jiwu Rao, Guylaine

Desmarais, 2020-11-26 Buildings influence people They account for one third of energy consumption across the globe and represent an annual capital expenditure of 7% 10% of GNP in industrialized countries Their lifetime operation costs can exceed capital investment Building Engineering aims to make buildings more efficient safe and economical One branch of this discipline Building Physics Science has gained prominence with a heightened awareness of such phenomena as sick buildings the energy crisis and sustainability and considering the performance of buildings in terms of climatic loads and indoor conditions The book reflects the advanced level and high quality of research which Building Engineering and Building Physics Science in particular have reached at the beginning of the twenty first century It will be a valuable resource to engineers architects building scientists consultants on the building envelope researchers and graduate students

Architectural Sheet Metal Specifications Sheet Metal and Air Conditioning Contractors' National Association (U.S.), Sheet Metal and Air Conditioning Contractors' National Association (U.S.). Architectural Sheet Metal Committee, 1968

Designing the Exterior Wall Linda Brock, 2015-11-17 By presenting the basics of building science along with a prescribed set of details *Designing the Exterior Wall* helps you understand why buildings fail and how they can be made more durable through design Author Linda Brock connects the science and aesthetics of building envelopes through the examination of a variety of construction and cladding types She features details from real world projects in a variety of climates successful and unsuccessful case studies and checklists you can use on your own projects Helps you reduce your liability by showing why building envelopes fail and how they can be designed to endure Moves from theory to actual construction by including hundreds of building envelope details from a broad array of projects and climates Integrates numerous contemporary case studies including Frank Gehry's Experiential Music Center in Seattle thin skins Renzo Piano's Rue de Meaux housing in Paris terra cotta cladding and Mario Botta's San Francisco Museum of Modern Art prefabricated brick panels *Designing the Exterior Wall* is a must have book whether you're an architect or a student Order your copy today **Architectural Sheet Metal Manual** Sheet Metal and Air Conditioning Contractors' National Association (U.S.), 1979

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