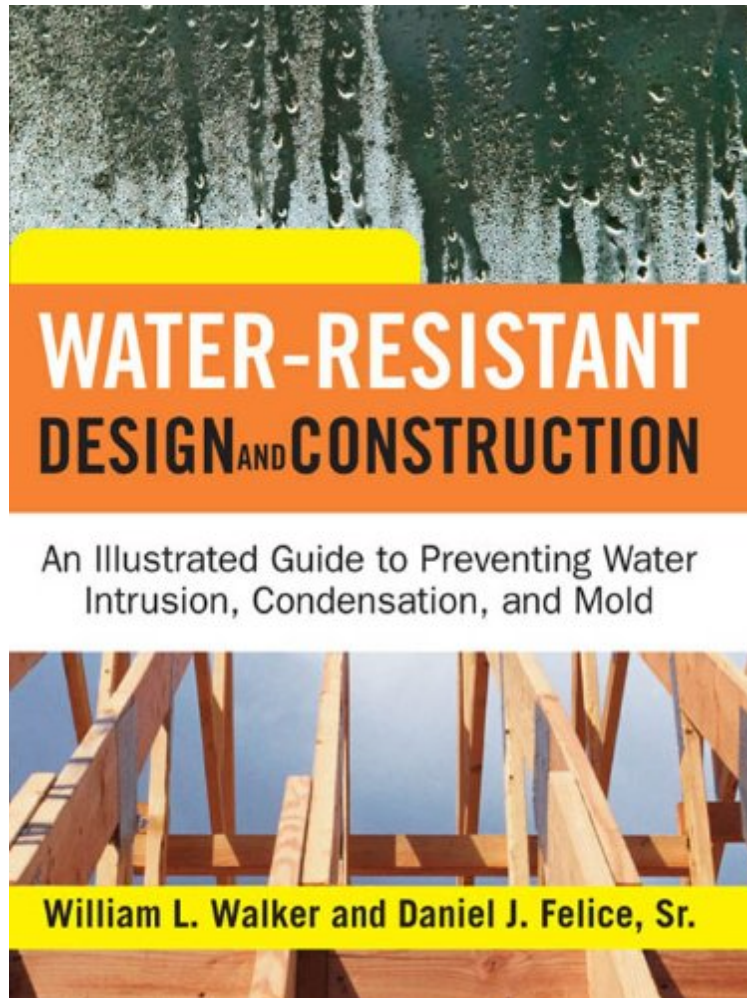


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Water-Resistant Design and Construction: An Illustrated Guide to Preventing Water Intrusion, Condensation, and Mold

William L. Walker, Dan Felice

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Capitalize on Proven Solutions to the 25 Most Common Water Problems in Buildings_and Avoid Costly Construction Claims! The Illustrated Guide to Water Resistant Design and Construction provides state-of-the-art solutions to

prevent the most common water-related problems in buildings. Designed to save you time and money, this expert resource discusses the causes and effects of water-related problems; time tested solutions for keeping water damage from occurring; methods for enhancing construction quality to reduce claims; tips on selecting the right firm to perform waterproof design and construction; guidance on achieving effective maintenance and repair; and more. The Illustrated Guide to Waterproof Construction features: More than 150 illustrations showing how to improve details and create higher-quality buildings Waterproofing methods that comply with the International Building Code Numerous examples and case studies from the United States, China, and Canada Inside this Complete Waterproofing Sourcebook; The 25 Most Common Problems: Causes and Effects; Mold and Mildew; How to Prevent Problems; Pre-Design Phase: Blueprint for Process; Building Delivery System; Time and Money; Concept Statement; Team Building; Design Phase: Selecting the Right Firm; Communications; Building Program; Schematic Design; Price Check; Design Development; Site Design; Floor; Air and Vapor Retarders; Wall Systems, Including Barrier, Drainage and Rain Screen Designs; Roof; Flashings; Sealants; Copings; Insulation; Avoiding Condensation; Mechanical Systems; Positive Pressurization; Bidding and Permitting; Construction: Scheduling; Long-Lead Items; Quality Assurance and Control; Early Bid and Construction Packages; Storage and Protection; Coordinating the Trades; Dimensional Tolerances; Managing Change Orders; Close-Out; Post-Construction: Operation; Maintenance; Repair; Replacement; Changes in Ownership

About the Author William Walker is a licensed architect with more than 35 years' experience in construction. Dan Felice is the vice president of Felice and Associates, a construction consulting firm that specializes in waterproofing.