Water in Buildings: An Architect's Guide to Moisture and Mold

William B. Rose
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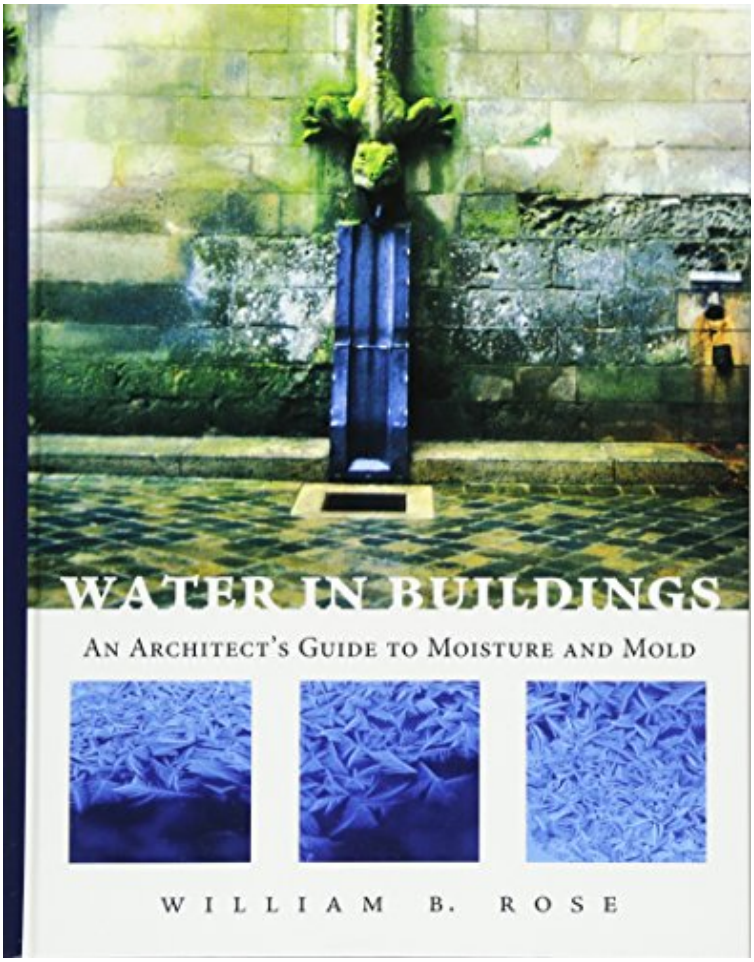

#455706 in Books 2005-04-07Original language:EnglishPDF # 1 10.30 x .88 x 8.30l, 1.90 #File Name: 0471468509288 pages | File size: 70.Mb

William B. Rose : Water in Buildings: An Architect's Guide to Moisture and Mold before purchasing it in order to gage whether or not it would be worth my time, and all praised Water in Buildings: An Architect's Guide to Moisture and Mold:

0 of 0 people found the following review helpful. If you care about building science, this book is a must-readBy JasonThis book goes into the nature of water on a molecular level. It explains why water behaves the way it does so you can understand how best to protect a building from water intrusion. Most importantly, it gives the history of the attic ventilation code which is utterly stupid and not based on science at all. What a shame that we are forced to follow a code which does nothing to protect our homes from water and in fact robs us of the heat we use in our homes.If you care about building science, climate change or protecting buildings from water, this book is a must-read.Expensive but worth every penny.Jason TaylorEnergy Efficiency Contractor0 of 0 people found the following review helpful. love it.By WolfpackjackEngineer speak.... love it... learned alot!!0 of 0 people found the following review helpful. A Must Read for those in the Building IndustryBy Doug LeutholdThis explains in a technical manner how moisture impacts

structures and debunks many of the myths circulating in the industry.

The definitive guide to understanding and managing the effects of water on buildings Water in Buildings: An Architect's Guide to Moisture and Mold is a detailed and highly useful reference to help architects and other design professionals create dry, healthy environments, without jeopardizing a project with poor liability management. Much more than a book of "quick fixes," this practical guide illuminates an essential understanding of the "whys" of moisture problems, including valuable information on how water behaves and how its performance can be anticipated and managed in building design. With a special emphasis on water's role in creating mold, an issue of growing concern and liability, Water in Buildings offers the most up-to-date information on rainwater management, below-grade water management, foundations, wall and roof construction, mechanical systems, moisture, and much more! Providing authoritative guidance to designers and builders, this definitive guide features: * Clear explanations of how water interacts with building materials and equipment * An in-depth exploration of the paths of leaks * Numerous case studies on such well-known structures as Mount Vernon, Independence Hall, and Wingspan (Frank Lloyd Wright) * Numerous descriptive drawings and photographs

From the Back CoverThe definitive guide to understanding and managing the effects of water on buildings Water in Buildings: An Architect's Guide to Moisture and Mold is a detailed and highly useful reference to help architects and other design professionals create dry, healthy environments, without jeopardizing a project with poor iability management. Much more than a book of "quick fixes," this practical guide illuminates an essential understanding of the "whys" of moisture problems, including valuable information on how water behaves and how its performance can be anticipated and managed in building design. With a special emphasis on water's role in creating mold, an issue of growing concern and liability, Water in Buildings offers the most up-to-date information on rainwater management, below-grade water management, foundations, wall and roof construction, mechanical systems, moisture, and much more! Providing authoritative guidance to designers and builders, this definitive guide features: Clear explanations of how water interacts with building materials and equipment An in-depth exploration of the paths of leaks Numerous case studies on such well-known structures as Mount Vernon, Independence Hall, and Wingspan (Frank Lloyd Wright) Numerous descriptive drawings and photographs About the AuthorWILLIAM B. ROSE is a Research Architect at the Building Research Council at the University of Illinois. His research, which focuses on moisture and its effects on buildings, is used by the U.S. Department of Housing and Urban Development (HUD) and other gencies. He serves as a consultant to museums and historic buildings on moisture problems, including Independence Hall, Frank Lloyd Wright's Unity Temple, and Thomas Jefferson's Poplar Forest. He has instructed hundreds of architects on the power of water through the American Institute of Architect's continuing education series, Water in Buildings.