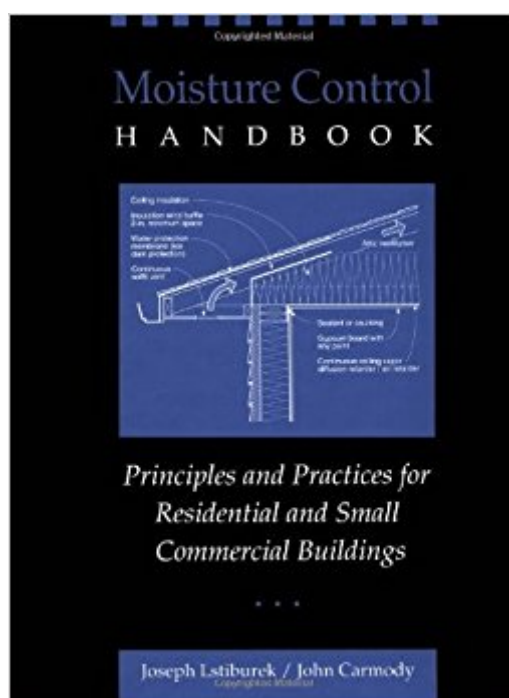


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Moisture Control Handbook: Principles And Practices For Residential And Small Commercial Buildings



Synopsis

In the climate-controlled buildings of today, moisture problems affect not only the useable life expectancy of the structure, but the comfort and health of the occupants. This reference is the first to apply up-to-date moisture control and treatment techniques in a problem/solution format. Opening with an introductory explanation of the nature and causes of mold, mildew, and condensation, the book gives specific advice on heated, cooled, and combination environments, plus a short course in the dynamics of moisture movement within buildings. Other invaluable coverage includes: * clear, detailed recommended practices for all United States climates * practices for cooling as well as heating climates (often, heating climate solutions are applied in cooling climates, where problems and solutions are completely different) * an overall, systematic view of moisture problems--including how mechanical systems and occupant lifestyles can create and also resolve moisture problems * actual case studies of buildings with moisture problems that illustrate the principles and practices presented in the book This detailed, no-nonsense exploration of moisture cause and effect--as well as its protection and remediation--will expand readers' knowledge on this crucial subject. Moisture Control Handbook will be welcomed by building contractors, architects, mechanical engineers, building science researchers, building product manufacturers, homeowners, and small commercial building owners.

Book Information

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Customer Reviews

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expectancy of the structure, but the comfort and health of the occupants. This reference is the first to apply up-to-date moisture control and treatment techniques in a problem/solution format. Opening with an introductory explanation of the nature and causes of mold, mildew, and condensation, the book gives specific advice on heated, cooled, and combination environments, plus a short course in the dynamics of moisture movement within buildings. Other invaluable coverage includes: clear, detailed recommended practices for all United States climates practices for cooling as well as heating climates (often, heating climate solutions are applied in cooling climates, where problems and solutions are completely different) an overall, systematic view of moisture problems including how mechanical systems and occupant lifestyles can create and also resolve moisture problems actual case studies of buildings with moisture problems that illustrate the principles and practices presented in the book This detailed, no-nonsense exploration of moisture cause and effect as well as its protection and remediation will expand readers knowledge on this crucial subject. Moisture Control Handbook will be welcomed by building contractors, architects, mechanical engineers, building science researchers, building product manufacturers, homeowners, and small commercial building owners.

About the Authors Joseph Lstiburek, an engineer, is a principal with Building Science Corporation in Chestnut Hill, Massachusetts. John Carmody, an architect, is Associate Director of the Underground Space Center at the University of Minnesota, Minneapolis.

Moisture is the single most important factor affecting house maintenance - this is my opinion, but a widely-held one. So, finding this very readable manual was exciting. It is well-written and readable for someone who's not in the construction industry, but the professional builder will also find it useful.

Great book if you are looking to expand your knowledge of modern building technology.

I would highly recommend this book for all builders, contractors, designers, architects and building scientists. Full of useful information and handy diagrams.

This book has a load of information in it and many helpful diagrams. I am pleased to have added this to my collection of moisture books.

Redundant material, presented in boring format. This is tormenting- like Chinese water torture to attempt to read completely- come-on, is it so hard to make it a little interesting?

This is an excellent introductory overview of practical problems and solutions relating to moisture control in buildings. The diagrams are outstanding! The emphasis is on moisture problems and solutions in low-rise framed buildings. My only disappointment is that the underlying physics are not described and that predictive techniques are not presented. An excellent reference book for builders, and a must read for anyone involved with trouble shooting, inspecting, insuring, repairing, and restoring building envelopes

This book is great for explaining to our clients the challenges they are having, the way to prevent and a great picture how it should have been done. It is in simple English for anyone to understand.

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