Manual of Low-Slope Roof Systems: Fourth Edition (P/L Custom Scoring Survey)

C.W. Griffin, Richard Fricklas
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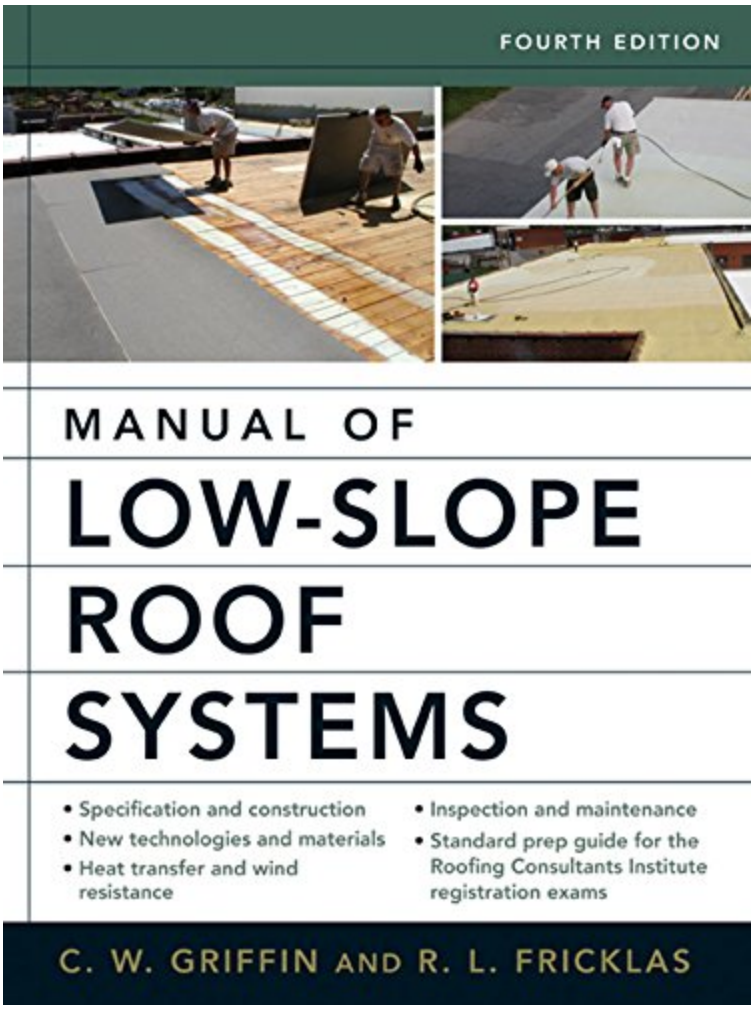

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C.W. Griffin, Richard Fricklas : Manual of Low-Slope Roof Systems: Fourth Edition (P/L Custom Scoring Survey) before purchasing it in order to gage whether or not it would be worth my time, and all praised Manual of Low-Slope Roof Systems: Fourth Edition (P/L Custom Scoring Survey):

0 of 0 people found the following review helpful. Commercial Roofing Safety NetBy D. DreifusWe already have the Third edition and wanted current information prior to making decisions relating to a project.We appreciated the detailed information included. For example, where existing metal coping over architectural foam at a shopping center had failed to withstand hundred mile per hour winds in Southern California over the last ten years, we were able to review the formulas and wind uplift factors to better gauge design requirements.We found the photograph in Chapter Seven on Wind Uplift showing a "fascia strip bent upward despite the use of a cleat designed to stabilize it"

exceptionally useful. "The 24-gauge stainless steel fascia strip was stressed beyond its yield point because the continuous cleat fasteners were located near the top of the cleat. This faulty location increased the unbraced, cantilevered depth of the fascia strip, exponentially multiplying the bending stress exerted by the wall deflected wind." It was helpful to have the metal gauge described, and critically useful to understand the mechanics of failure with the cleat design.This is the most important aspect of the book. It can help avoid problems.As the owner of Commercial Resource Management, this is our purpose, so we found the book very helpful.We were able to find the FM Global Loss Prevention Data Sheet 1-49 mentioned in the book online, and while we had only foam incapable receiving fasteners to permit face nailing the continuous cleat or hook strip, we were able to incorporate the design principles described to develop an alternate.We also used the Grouping Pipes Through Roof Membranes diagram in the Flashings section to correct a problem with defective icing refrigerant lines entering an existing "pitch pan."We were able to find design parameters for thermal movement in the metal roof chapter "annual temperature ranges of 200 deg. F . . . must be capable of accommodating movements up to 2 in. in 200 ft." Since my run was 140 ft., I adjusted to use a figure of 1.4 in..17 of 17 people found the following review helpful. Fills a needBy David OwensI gave this book 4 stars and not 5 because it was not large enough. It should have been the next size format, so that the drawings would render better. That said, however, I must recommend this for several reasons: 1, there is a paucity of books on roofing, a mundane subject at best and of interest to few people. However, for those people, not much to choose from. "Low slope roof" is industry parlance for a commercial/industrial roof which will have layers of hot tar and roofing felt, then gravel, placed on a generally flat roof. This book explains it all, from a history of this type of roof, to various materials used, what to watch for, how to write specifications, and problems that might occur in the design or construction phases. 2, for those architects that design or specify roofs, it explains roofing in depth, and helps avoid expensive mistakes that experience alone woould teach.Although the book is expensive, the information given is worth every penny. Those who will buy this book will know that.0 of 0 people found the following review helpful. SIMPLY THE BESTBy LV ConsultantIf you are a practitioner or student of low slope roofing systems, then you need this book! More than just a stiff reference material, it explores the various systems you will confront if you do any Division 7 related work. Written in an easy to understand format (I'm a reformed knuckle-dragger).

For decades, this manual has been the most widely respected guide to designing, constructing, and maintaining low-slope roofing systems.