Green Building: Project Planning & Cost Estimating

Second Edition

By RSMeans & Contributing Authors

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About the Book

Market

Architects, designers, builders, engineers, building owners and managers, universities... anyone interested in sustainable design.

Description

Since the widely read first edition of this book, green building has gone from a growing trend to a major force in design and construction. Utility costs have skyrocketed; building codes and standards have adopted much stricter energy efficiencies; and businesses, institutions, and communities have discovered huge savings and advantages in sustainable building. Public and private facilities, and even whole cities and counties, are increasingly required to include green features in their new construction and remodeling projects.

This reference covers the many options for green building technologies, design concepts, standards, and costs. It includes Means' *Green Building CostWorks* CD at no additional cost. The CD contains more than 500 new assemblies (from high-efficiency HVAC and lighting, to living roofs, fuel cells, gray water systems, and much more) and over 7,000 unit price line items for green materials and products.

The chapters, case studies, resources, cost data, and more, give you the whole picture on green building, including the latest on:

- Green building approaches, materials, systems, and standards.
- Energy efficiencies—with energy modeling tools.
- Health, comfort, and productivity-goals and techniques.
- Evaluating the cost versus value of green products over their life cycle.
- Specifying green building projects complete with a list of often-specified products/materials and a sample spec.
- Low-cost green strategies—and special economic incentives and funding.
- Assembling the green project team and commissioning the building.
- Deconstruction a key element of sustainable building.

RS**Means**

About the Authors

Written by a team of experts, consisting of over a dozen authors and reviewers representing all segments of sustainable design—engineers, economists, facilities managers, architects, cost consultants, and construction specifiers.

Among the Contributors: Mark Kalin, FAIA, FCSI, author of the original GreenSpec; Alexis Karolides, principal and team leader for the Rocky Mountain Institute (RMI), Seiglinde K. Fuller, PhD, leader of the NIST/DOE collaborative n economic analysis for energy and water conservation; Andy Walker, PhD, PE, senior engineer with NREL; and Joseph Macaluso, AACE, certified cost consultant.



About **RSMeans**

RSMeans, a product line of Reed Construction Data, has been the nation's leading publisher of construction cost information and reference data for more than 65 years. The company provides publications, data, seminars, and consulting services for building design, construction, and facilities professionals, as well as the insurance industry and municipal and government agencies throughout the United States and Canada.