



Prefab Architecture: A Guide to Modular Design and Construction

By Ryan E. Smith

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"*Prefab Architecture* . . . is beyond theory, and beyond most of what we think we know about pods, containers, mods, and joints. This book is more than 'Prefabrication 101.' It is the *Joy of Cooking* writ large for the architecture and construction industries."

—From the Foreword by James Timberlake, FAIA

THE DEFINITIVE REFERENCE ON PREFAB ARCHITECTURE FOR ARCHITECTS AND CONSTRUCTION PROFESSIONALS

Written for architects and related design and construction professionals, *Prefab Architecture* is a guide to off-site construction, presenting the opportunities and challenges associated with designing and building with components, panels, and modules. It presents the drawbacks of building in situ (on-site) and demonstrates why prefabrication is the smarter choice for better integration of products and processes, more efficient delivery, and realizing more value in project life cycles. In addition, *Prefab Architecture* provides:

- A selected history of prefabrication from the Industrial Revolution to current computer numerical control, and a theory of production from integrated processes to lean manufacturing
- Coverage on the tradeoffs of off-site fabrication including scope, schedule, and cost with the associated principles of labor, risk, and quality
- Up-to-date products featuring examples of prefabricated structure, enclosure, service, and interior building systems

Dozens of recent examples of prefab projects by contemporary architects and fabricators including Kieran Timberlake, SHoP Architects, Office dA, Michelle Kaufmann, and many others. In *Prefab Architecture*, the fresh approaches toward creating buildings that accurately convey nature and expanded green building methodologies make this book an important voice for adopting change in a construction industry entrenched in traditions of the past.

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Editorial Review About the Author

RYAN E. SMITH is Director of the Integrated Technology in Architecture Center (ITAC), an interdisciplinary research consortium at the University of Utah College of Architecture + Planning in Salt Lake City, Utah (www.itac.utah.edu). Smith's research and teaching focuses on promoting integration that leads to sustainable and lean design and construction practice. Users Review

From reader reviews:
Kim Townsend: Here thing why that Prefab Architecture: A Guide to Modular Design and Construction are different and trustworthy to be yours. First of all studying a book is good nevertheless it depends in the content of it which is the content is as yummy as food or not. Prefab Architecture: A Guide to Modular Design and Construction giving you information deeper and different ways, you can find any book out there but there is no e-book that similar with Prefab Architecture: A Guide to Modular Design and Construction. It gives you thrill reading journey, its open up your own personal eyes about the thing that will happened in the world which is perhaps can be happened around you. You can actually bring everywhere like in park your car, café, or even in your approach home by train. If you are having difficulties in bringing the printed book maybe the form of Prefab Architecture: A Guide to Modular Design and Construction in e-book can be your option.

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