



Resource Salvation: The Architecture of Reuse (Paperback)

By Mark Gorgolewski

John Wiley and Sons Ltd, United States, 2017. Paperback. Condition: New. 1. Auflage. Language: English . Brand New Book. A valuable source of information, insight, and fresh ideas about a crucial aspect of the growing sustainable design movement Mounting resource shortages worldwide coupled with skyrocketing extraction costs for new materials have made the prospect of materials reuse and recycling an issue of paramount importance. A fundamental goal of the sustainable design movement is to derive utmost use from construction materials and components, including energy, water, materials, building components, whole structures, and even entire infrastructures. Written by an expert with many years of experience in both industry and academe, this book explores a wide range of sustainable design strategies which designers around the globe are using to create efficient and aesthetically pleasing buildings from waste streams and discarded items. Emphasizing performance issues, design considerations and process constraints, it describes numerous fully realized projects, and explores theoretical applications still on the drawing board. There is a growing awareness worldwide of the need for cyclical systems of materials reuse. Pioneering efforts at closed-loop design date as far back as 1960s, but only recently have architects and designers begun to focus on the opportunities...



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