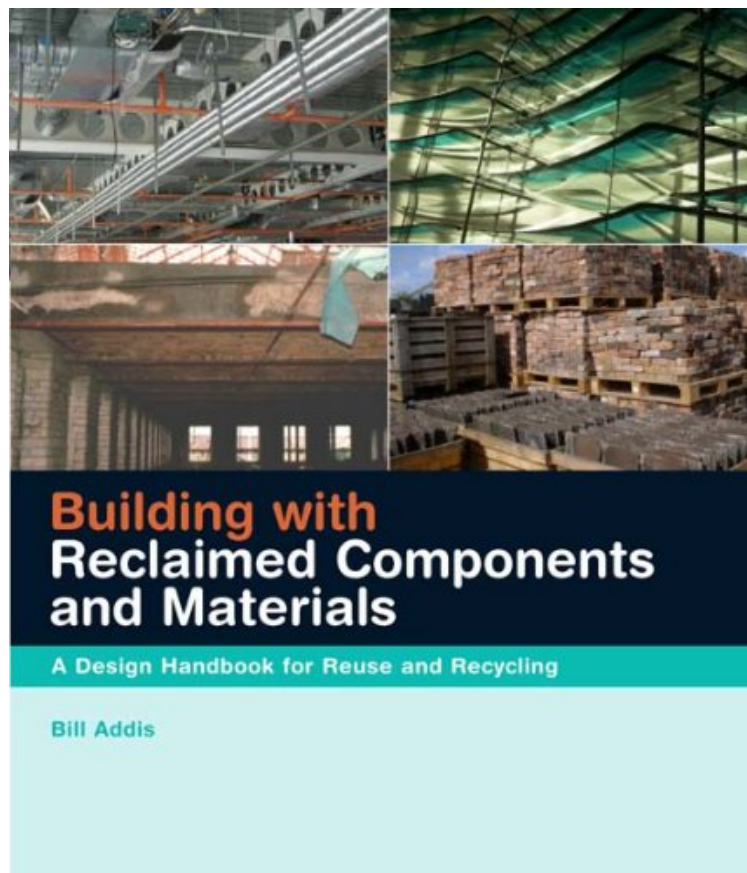


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Building with Reclaimed Components and Materials: A Design Handbook for Reuse and Recycling

Bill Addis

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Interest in green and sustainable design is growing throughout the world. Both national and local governments are active in promoting reuse and recycling in order to reduce the amount of waste going to landfill. This guide identifies how building designers and constructors can minimize the generation of waste at the design stage of a building project by using reclaimed components and materials. Authoritative, accessible and much-needed, this book highlights the opportunities for using reclaimed components and materials and recycled-content building products for each element of a building, from structure and foundations to building services and external works. Current experience is illustrated with international case studies and practical advice. It discusses different approaches to designing with recycling in

mind, and identifies the key issues to address when specifying reclaimed components and recycled materials in construction work. This book will be invaluable for building professionals ? including architects, specifiers, structural and service engineers, quantity surveyors, contractors and facilities managers ? as well as students of architecture and civil engineering. Published with NEF

'Expert advice on reuse and recycling in building construction is urgently needed. Using existing resources in a more responsible way is central to this design guide. A very welcome addition to the literature' Tom Woolley, Professor of Architecture, Queens University Belfast, and author of the acclaimed Green Building Handbook 'The message from this book is that if you have the time and inclination then it is possible to source, check and incorporate reused materials into your buildings.' Ecotech About the Author Bill Addis leads the sustainability team at Buro Happold Consulting Engineers, UK. The research for this book was carried out by staff in Buro Happold and the Building Services Research and Information Association (BSRIA), under the guidance of a consortium of partners in industry and academia, with financial support from the UK Government Department of Trade and Industry.