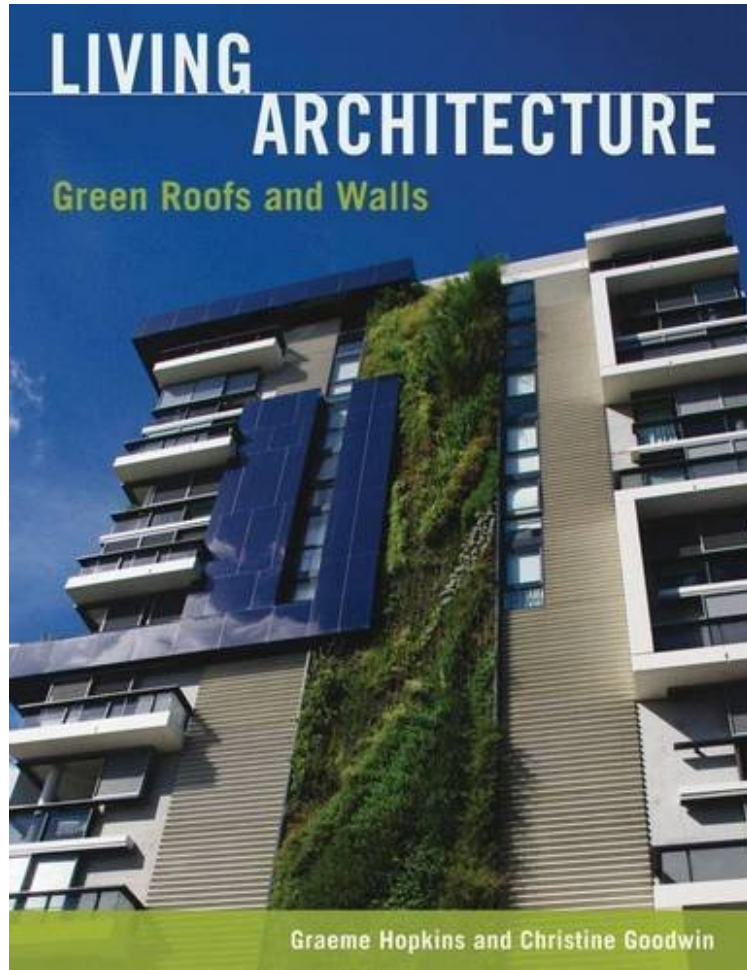


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Living Architecture: Green Roofs and Walls

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Graeme Hopkins, Christine Goodwin : Living Architecture: Green Roofs and Walls before purchasing it in order to gage whether or not it would be worth my time, and all praised Living Architecture: Green Roofs and Walls:

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Extensively illustrated with photographs and drawings, Living Architecture highlights the most exciting green roof and living wall projects in Australia and New Zealand within an international context. Cities around the world are becoming denser, with greater built form resulting in more hard surfaces and less green space, leaving little room for vegetation or habitat. One way of creating more natural environments within cities is to incorporate green roofs and walls in new buildings or to retrofit them in existing structures. This practice has long been established in Europe and elsewhere, and now Australia and New Zealand have begun to embrace it. The installation of green roofs and walls has many benefits, including the management of stormwater and improved water quality by retaining and filtering rainwater through the plants' soil and root uptake zone; reducing the urban heat island effect; in

cities; increasing real estate values around green roofs and reducing energy consumption within the interior space by shading, insulation and reducing noise level from outside; and providing biodiversity opportunities via a vertical link between the roof and the ground. This book will appeal to a wide range of readers, from students and practitioners of architecture, landscape architecture, urban planning and ecology, through to members of the community interested in how they can more effectively use the rooftops and walls of their homes or workplaces to increase green open space in the urban environment.

"This book will be fundamental to the future growth of the industry in Australia. It has an excellent mix of plans and cross-sections with photographs and descriptions of design intent, and will appeal to a diverse reader base. The subject is relatively new in Australia but its recent growth has been enormous, making this book a much needed resource." (Sidonie Carpenter, Landscape Architect, Green Canopy Design Pty Ltd, and President) "This book brings the current knowledge on adding biodiversity and habitat to high density human communities, into sharp relief. It will be the springboard for future research and green (living) design into the coming decades and will be essential reading for practitioners of architecture and landscape architecture, and organisations charged with the responsibility to create sustainable communities." (Prof. Chris Daniels, Professor of Urban Ecology) About the Author Graeme Hopkins is a registered architect and registered landscape architect. With over 30 years of diverse professional experience through Fifth Creek Studio, he focuses on living architecture, green roofs and living walls. Christine Goodwin is an artist with a research masters degree in architecture. With over 30 years of diverse professional experience through Fifth Creek Studio, she focuses on living architecture, green roofs and living walls.