



## Overview of Green Walls

Green walls or vertical gardens have travelled far from the ivy or ficus growing up the wall. Modern green walls are constructed in a number of different ways whether they are modular or built in situ as one cohesive system. Each method has its own advantages and disadvantages and choosing the right one will depend on the application and the environment where the wall is being installed. Many of the systems that have been trialled in the Northern hemisphere generally are not well suited to the dryer Australian environment where water conservation is essential.



Most green walls are vertical hydroponic systems where the plants are grown in an inert soil-less media. These system maybe environmentally damaging as the soluble nutrients that are used to feed the plants may be released into the sewerage system with the waste water

The key to a successful green wall installation is to make sure the right plants and watering regime is carefully chosen for each particular site and that a comprehensive maintenance plan is included. The recent developments in the green wall systems have also enabled growing vertical gardens in indoor environments. These systems run in essentially the same manner as the outdoor systems but will often require supplemental lighting.

The green wall allows a large number of plants to occupy the office environment without taking up precious space. Green walls look fantastic and with correct installation and maintenance will provide a long lasting, constantly changing work of art that bring the natural environment to what might have otherwise been a barren, uninteresting wall. Green walls can also be applied to growing herbs and leafy vegetables in untraditional such as the dividing walls in apartments or courtyard walls.



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To speak with an experienced consultant about your Green Wall needs.

