

Vertical Growing



blue bridge garden design

Patrick Blanc's wall

Patrick Blanc is a French botanist and inventor of the Vertical Garden which relies on a new way to grow plants without any soil.

Vertical gardens can be created on virtually any wall, indoors or outdoors. On a load-bearing wall or structure a metal frame supporting a thick PVC plate, with two layers of felt. The felt is frequently watered with a nutrient solution containing dissolved minerals needed for plant growth.

Plants need to be chosen carefully for their ability to grow in this type of environment.

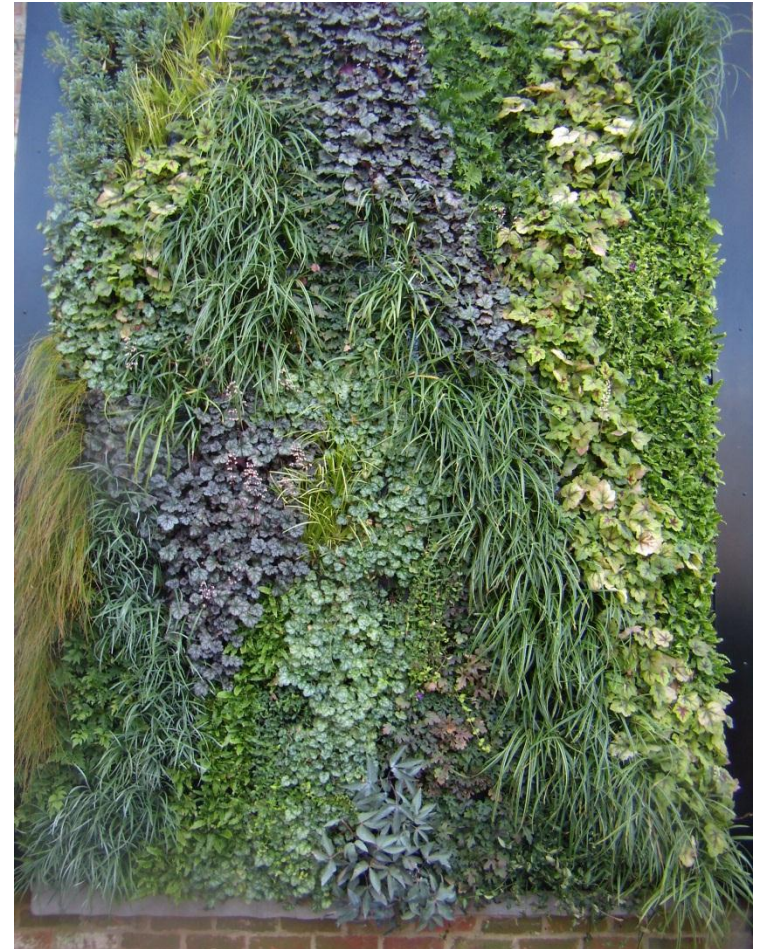


BioTecture Ltd

BioTecture Ltd designs and build green living wall systems.

Plants are grown in their own vertically patented modular systems based on rock wool and automated hydroponic-fed system. Plug plants are set into module and grown on horizontally. When established panel is set vertical.

BioTecture Ltd emphasis the benefits of green walling to include reduced thermal loading on buildings, natural air filtration, reduced heat island effect, sound attenuation, creation of urban ecological habitat, urban food walls and of course, exciting and uplifting human urban environments.



Scotscape

They have a modular system with 14 'linked planting cells' 150mm deep supported by Fixing Bars.

Plants are grown in a soil-based planting medium and plugs establish quicker, but an establishment period is required before it is attachment to a vertical surface. They recommend setting out modules at their nursery 2 months in advance of the installation date.



Easiwall

Easiwall is a new system designed for permanent wall installation of up to two storeys. They can be fixed to a wall or building with relative ease and planted **in situ**.

No expensive support structures required. Unlike other systems there is no establishment period required. The panels are made from polypropylene, 60% recycled materials, and are 100% recyclable.

THIS is a vertical growing unit I feel is well suited and sustainable for a garden situation.

Standard panel 1 x 1m, comes flat packed for your own installation. Irrigation and plants to your specification and full installation available.

Half panels (vertical or horizontal) and vertical allotments (edible wall) with deeper troughs gives this wall fantastic flexibility.



Herb bay

One unit 1m(h) x 65cm(w)

Includes: 4 troughs, wall mounting brackets & fixings



Green screen

Unframed panels 1.8m(h) x 1.2m(w)

Smaller quantities, price guideline:

Standard panel 1.8m(h) x 1.2m(w)

Stainless Steel or Oroko Timber Frame

Unframed 2.2m(h) x 1.2m(w) panel

