



SANJAY NURSERY[®]

Delivering Quality Plants

**Introduction to Vertical Gardening (Green Walls)
A New Innovation in the Field of Landscaping
and Gardening**

By

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A Green Wall refers to Green Facade as well as Living Walls

Green Facade refers to Climbing Plants directly grown in a soil that are supported by a Wall or a Supporting Structure

With a Living Wall, The Plants are Grown in the Modular Panels that are attached to the Wall or a Supporting structure



Few Facts and Invention of Living Walls

It's a Whole new Way to Think about Gardening !

- Traces its Origin to the Hanging Garden of Babylons in 600 BC
- Invented by Stanley Hart White, a Professor of Landscape Architecture
- Also Referred to as Green Walls, Biowalls, Vertical Gardens, Vertical Vegetated Complex Walls



Modules for Vertical Gardens



Biowall Panels



Vertical Garden Modules

How does a Green Wall Benefit ?

- Reduces Overall Temperature of the Building.
- Means for Reuse of Water
- Suitable for Urban Areas as It helps to use Vacant Vertical Spaces
- Less Evaporation of Water as Compared to Horizontal Gardens
- It is sometime use indoors to alleviate Sick building Syndrome
- Helps in Marketing of Projects
- Enhances Ratings in Certification from IGBC
- Helps in fetching Higher value Per Sq.Ft
- A Pleasant effect to the eye. Enhances Beauty
- Instant Greenery without Space Constraints
- Results in Savings of Air Conditioned Costs
- By Process of Photosynthesis, Plants inhale Carbon Dioxide and Exhale Oxygens
- Best Utilization of Space

Features



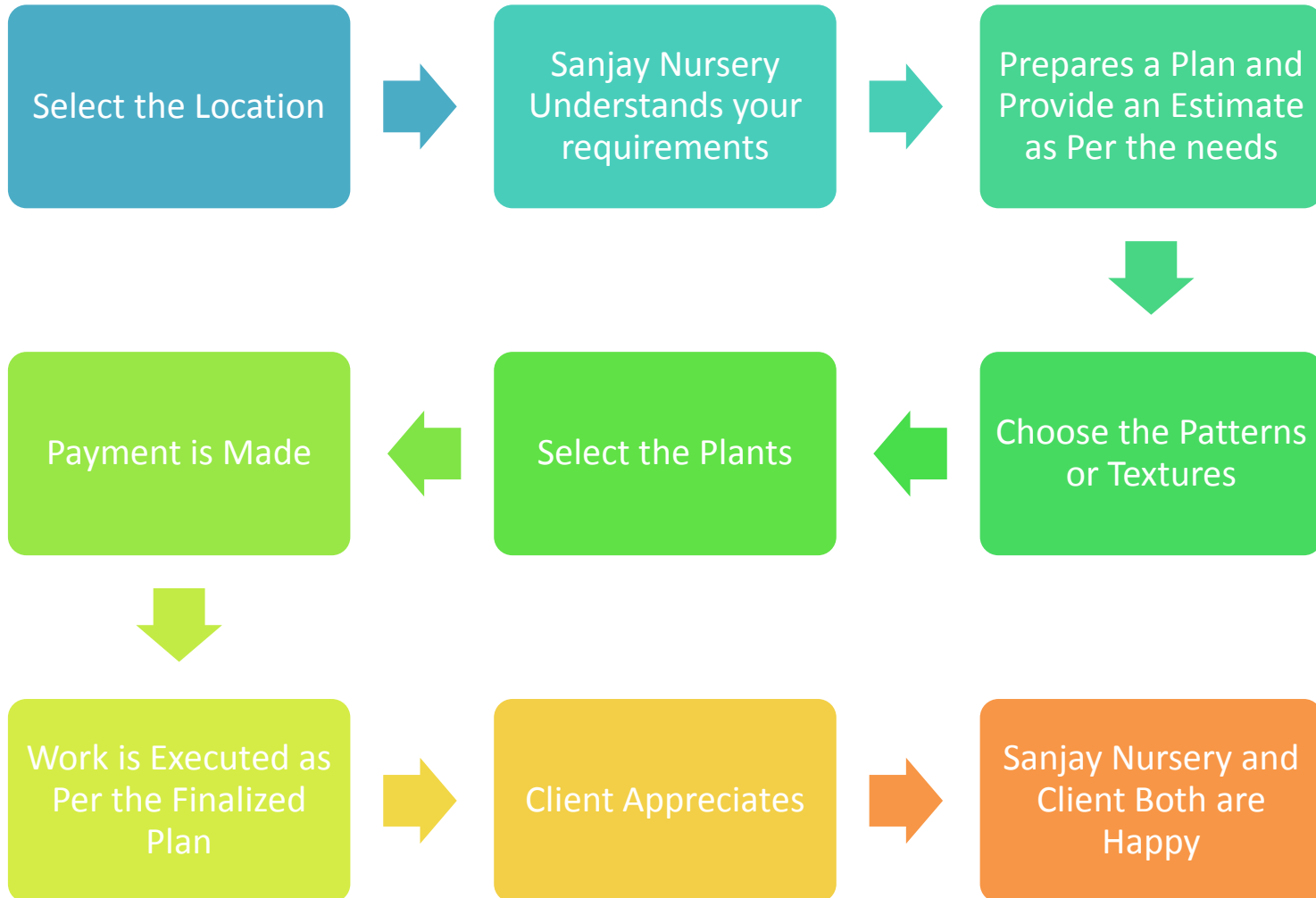
Easy Installation



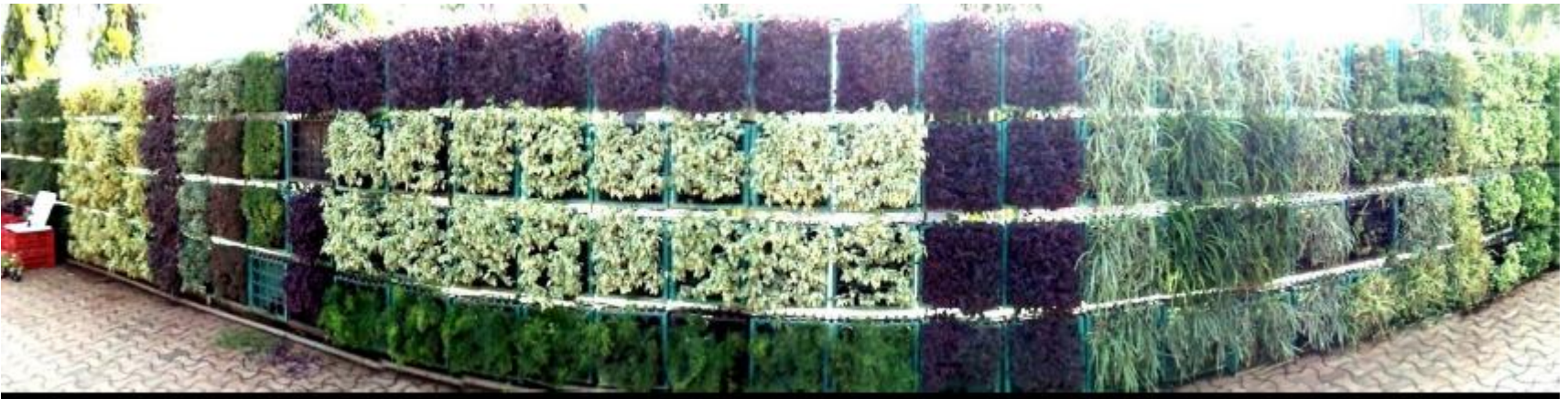
Minimal Framework and Structurally Strong

- Easiest, Cleanest & Most Efficient Vertical Garden System.
- Modular Panels makes it easy to Change your Design at your Will
- Choose between Flowering, Vegetable, Herbs, Foliage Plants
- Irrigation System that Ensures water to each and every Corner of the Plant.

How it Works



Successful Installations



The Above Work has been Carried in Pune at the Head Office of Sanjay Nursery. It has been Created, with Research of two Years by our Team.



Temporary Display of Vertical Garden Created for Pune Municipal Corporation



Successful Installation

Area : 2000 Sq.Ft

About Amanora Park Town

Amanora is first township, which qualifies all the norms lead by Government of Maharashtra in the Township policy.

The Most awarded Township in the Country.



A Biowall Created at the Entrance of Head Office of Sanjay Nursery on Pune Solapur Road at Pune, Maharashtra, India



A Biowall Installation at a Residence of One of the Clients of Sanjay Nursery, Pune

Frequently Asked Questions

1. What Plants can be Used in Vertical Gardens / Green Walls ?

Plants Selection is Site Specific as micro Climatic Conditions Differ from Site to Site. Leafy Vegetables, in Some Cases, can also be used for Green Walls. Syngoniums, Marble Money Plant, Cryptanthus, Ficus are few of the Plants that are commonly used in Vertical Gardens.

2. What are the Prerequisites for doing a Vertical Garden / Green Wall ?

Waterproofing of the Wall (Area) that will house the Panels and Irrigation System is recommended. You will also need a water source and electrical outlet brought to the wall and a drain detail at the bottom of the wall.

3. What are maintenance requirements ?

With Carefully selected Plants, Good Care and Proper Irrigation System, Little maintenance is required. Maintenance for Vertical Garden is like House or Garden Plants. Dead or Damage Plants to be replaced. Fertilizers to be Applied as Necessary. Trimming of Dead Leaves or Other Plants Parts to be done as required.

4. How do the Panels attach to a Wall ?

Once the waterproofing is done, Mounting Strips (Of Aluminium) are fixed to the Walls and then Panels are hung on to this Strips.

5. How is the Green Wall Watered ?

It can be watered with the Help of a Drip Irrigation Line as well as Our Normal Hose Pipe. Watering through Drip Irrigation is Recommended.

6. What is the Cost of making a Green Wall ?

The Cost for a Green Wall Varies on a Lot of Factors. For a Rough Tentative Estimation, The Cost for a Green Wall varies between Rs.750-Rs.2000 Per Sq.Ft



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Thanks for your time