



This specification guide will provide you with comprehensive information and technical specifications about our remarkable greenwall solution.

Overview

The Elevation Living-Wall System is a cutting-edge vertical garden solution designed to create stunning living walls in various indoor and outdoor settings. This system allows for the creation of lush, vibrant, and sustainable green spaces, providing numerous benefits for both aesthetics and the environment whether growing edible or ornamental plants.

Modular Design

The Living-Wall System utilizes a modular design, allowing for easy installation and customization. Each module seamlessly tiles in 12" Horizontal and 6" Vertical increments.

Plant Selection and Adaptability

Our system is compatible with a wide range of plant species, enabling you to design unique living walls that suit your preferences and environmental conditions. Whether you desire edible or ornamental plants, this system delivers ideal growing conditions for a multitude of options.

Watering and Irrigation

The Living-Wall System incorporates a water efficient irrigation system, utilizing market available components. Our standard installations utilize a 1/2" or 3/4" Flex tubing that runs vertically up the panels and 1/4" drip-line with a 6" spacing horizontally. This allocates two emitters per tray and ensures optimal hydration for the Soxx and plants. PSI reducers are needed to ensure a 30 PSI flow to accommodate the drip irrigation specification. While not required, programmable timers are encouraged to assign frequency and duration of watering.

Structural Integrity: The system is engineered with structural integrity in mind. Channel strut is attached to the vertical surface, and 2' x 3' steel mesh panels are hung with twist lock keys. Once installed with plants, the weight load will accommodate 20lbs per SQF. The modules are made from durable materials that provide stability and support for the plants, provide an offset from the vertical structure and keeps moisture away from the surface.

Module Dimensions:

- Steel Panels- 2'W x 3' H
- Trays- 12" W x 6" H
- Soxx- 6" W x 12" H

Easy Maintenance: Our Vertical-Garden system is designed for easy maintenance, and as a modular system, allows for swapping out soxx, without having to demolish an entire wall. It features built-in access points for plant care, irrigation system adjustments, and periodic inspections.

Sustainability: We prioritize sustainability in our Living-Wall System. The modules are made from recycled materials, promoting eco-friendly practices.

Construction Materials: The modules are constructed using durable, weather-resistant materials to ensure longevity and performance. The trays are manufactured with recycled plastic for sustainability.

Planting Medium: Our soxx are a photodegradable nylon mesh that encapsulates the grow medium and can be customized to accommodate most any soil requirements. Our standard installations utilize a 12" soxx with a premium Berger-M2 grow medium to promote healthy plant growth, root development, and moisture retention. This proven medium ensures optimal plant health and minimizes maintenance requirements.

Electrical Requirements: An irrigation timer module is highly recommended to control water frequency and duration.

Our system is suitable for a wide range of applications, including:

Commercial buildings, offices, retail spaces, residential complexes, residential homes, educational institutions, healthcare facilities, hospitality venues, hotels, restaurants, public spaces, parks, urban landscapes, and more.

Experience the transformative power of our innovative living-wall solution and create breathtaking green spaces with ease using our proven methodology. For further inquiries or to discuss your project requirements, please contact our knowledgeable sales team.

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