



garden |  on the wall

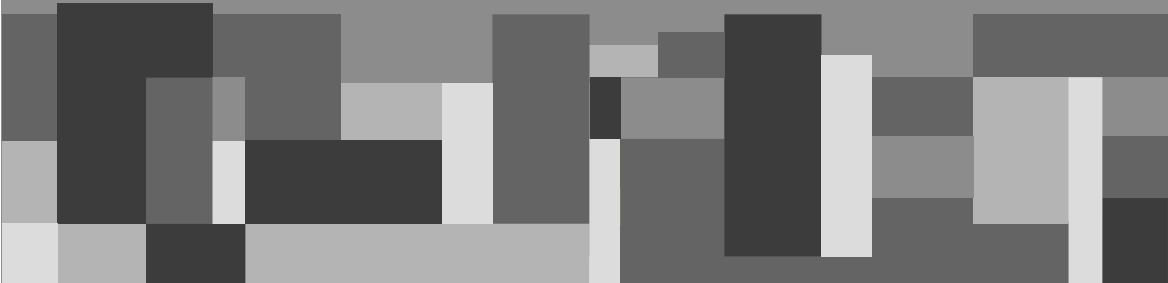
THE ART OF PRESERVED NATURE®

for interiors



Table of Contents

Concept	2
Who we are	4
What we do	6
Preserved Plants	8
Applications	10
Care Instructions	12
Design Process	14
Plant Library	16
Tree Library	20
Integration Options	22
Gallery	24





Robert Benson Photography

Concept

The Garden of Eden. The Hanging Gardens of Babylon. Japanese Zen gardens. Since the dawn of time, gardens have mesmerized mankind as a mystical force of peace and tranquility. Long admired by kings, pharaohs, impressionists, architects and grandmas, gardens lift the spirit and soothe the soul. This explains the serenity one experiences driving through New England's extraordinary fall foliage. This innate human connection to nature and love of life is called biophilia.

Architects, the Zen masters of this movement, popularized the biophilic phenomenon by integrating flowers, plants and natural greenery into their designs — transforming aesthetic beauty beyond the visual into tangible health, psychological, physiological, and economic benefits. From 1500 B.C.'s Ineni (Pharaoh Thutmose's architect) to 20th century's Frank Lloyd Wright to modern day masters Jean Nouvel and Patrick Blanc, biophilic designs invigorate environments and the people who dwell within them.

"Study nature, love nature, stay close to nature," said Frank Lloyd Wright. "It will never fail you."

In any design environment, green is good. From Wrigley Field's ivy outfield fence to ivy-covered Ivy League university façades, we've long marveled at plants on walls and other surfaces. The aesthetic benefits of

biophilic are obvious. The underlying wellness aspect is subliminal, magical, and increasingly appreciated. **Garden on the Wall®** offers endless 'Maintenance-free Garden' integration options to facilitate biophilic design and encourages "Green Design" enthusiasts to integrate imaginative nature experiences into their interior spaces.

"Everything you can imagine is real," said Pablo Picasso.

Today, installing gardens on walls, ceilings and other indoor surfaces is a captivating art form, led by trailblazing firm **Garden on the Wall®**.

Garden on the Wall® reinvents biophilic design, furnishing designers with customized, Maintenance-free Garden Installations exclusively for interiors.

Just living is not enough," Hans Christian Andersen once said. "One must have sunshine, freedom, and a little flower."

Our unique concept (originated in Europe and inspired by the vertical gardens of Patrick Blanc) reinterprets the category by utilizing a selection of all-natural preserved plants and flowered foliage that maintain their "fresh-cut" state, original vivid color and form in an indoor environment up to 10 years. In the spirit of biophilic origins, **Garden on the Wall®** is paradise found.

Who we are

Established in 2014, **Garden on the Wall®** is an award-winning provider of turn-key, Maintenance-free Garden Installations exclusively for interiors. As the originator and undisputed leader of this new ecological genre in the U.S. Architecture & Design field, we help achieve our client's biophilic design aspirations while eliminating all hassles of maintaining a living wall or plants (an automatic time and investment savings).

Our mission: to elevate the spirit of others by bringing maintenance-free nature installations to imaginative interior design spaces.

Garden on the Wall® specializes in environments where biophilic designs improve productivity, wellness and general community welfare—particularly in workplace, hospitality and retail.



What we do

Garden on the Wall® offers a wide range of custom-designed garden installations for interiors created using all-natural preserved plants. These long-lasting gardens are essentially Maintenance-free which differentiates them from living walls.

Committed to product transparency and sustainable design, **Garden on the Wall®** is the only indoor garden supplier in the world with a published Health Product Declaration (HPD), which allows project teams to specify our garden installations with confidence, and can help building projects earn points in LEED® 2009 and LEED® v4 for new construction, existing buildings, and commercial interiors.

Additionally, our Garden Installations contribute to the achievement of several features within The WELL Building Standard™, and are listed in the mindful MATERIALS database (mM).

With commercial clientele including TripAdvisor®, AARP®, Fitbit®, VML, Hilton, Marriott, Starbucks, Georg Jensen, Estee Lauder™, Harvard, Greystar®, Google, Microsoft®, ING, VISA®, Boston Consulting Group, Hackensack University Medical Center and many more, **Garden on the Wall®** is proud to have brought 'Maintenance-free Nature' to projects across the USA, including Hawaii.

Garden on the Wall® offers an array of garden integration options from vertical mounting to ceiling or horizontal installations including creation of custom shapes or logos—with design options from traditional to contemporary to vertical gardens inspired by Patrick Blanc. Our meticulous fabrication and installation processes ensure that gardens flow naturally and seamlessly with their pristine environment. Our team of Master Artisans and Craftsmen work closely with clients and general contractors to deliver **The Art of Preserved Nature®** in a boutique setting.

Like our products and services, **Garden on the Wall®** grew organically, watered with fresh ideas, blooming with prominent clients, Maintenance-free via exceptional customer service, and preserved to last with positive word of mouth.

Our goal: to make the world a greener place, one wall at a time.

Our Custom Garden Installations Include

1. Vertical Gardens
2. Horizontal Gardens and Planter Inserts
3. Ceiling Gardens
4. Logo integration to Garden Installations
5. Custom Signage integrating preserved plants





Preserved Plants

Though plant and flower preservation techniques are as early as history of man, rapid expansion with patents for large-scale industrial production of preserved plants and flower foliage became popular as vertical garden applications soared following the launch of Patrick Blanc's invention concept 'Mur Végétal' in 1998.

To begin the preservation process, plant and flower foliage is harvested at its peak to attain maximum vibrancy. Once harvested, a non-toxic, plant-based, and biodegradable preservation liquid is used to replace the plant sap. **Garden on the Wall®** ingredients are supported by the Health Product Declaration (HPD) which was completed in accordance with the HPD Standard version 2.0 and discloses hazards associated with all substances present at or above 1000 parts per million (ppm) in the Wall Garden System, and are listed in the mindful MATERIALS database (mM).

Preserved Plant Advantages

1. Maintenance-free & Long Lasting: Garden Installations created with preserved plants require no water, no misting or irrigation, no sunlight, and no soil, and retain their vibrancy, fresh-cut look and feel for nearly a decade.

2. Excellent Value: Our Garden Installations provide excellent value because they allow integrating 'Maintenance-free Nature' to interior designs, allowing significant savings from not having a monthly maintenance required for living walls such as gardening and the hardware upkeep.

3. Ecological: Our Garden Installations are much more efficient than living walls and plants due to their longevity and low energy consumption such as no water, irrigation, specific light, soil infestations, trim-

ming and pruning and periodic maintenance. This results in a significantly lower carbon footprint when compared to both fresh-cut and artificial plants.

4. Sound Absorbing Properties: Tested in accordance with ASTM C423-9a, our Garden Installations have significant noise reduction coefficient (NRC).

5. Endless Possibilities: Whether it's a custom planter insert, wall or ceiling garden or a custom-shaped garden integrating a logo – the versatility of elements available for the creation garden installations allow to integrate 'Maintenance-free Nature' seamlessly into built environments.

6. Design Integration Ease: With an average depth of 3" for vertical applications, integrating **The Art of Preserved Nature®** is as simple as adding a picture frame—essentially creating framed art to the biophilic design canvas.

Biophilia & Biophilic Design

Biophilia, generally defined as the innate human connection nature and to the world of living things, is in our DNA. This biological calling may explain our centuries-old euphoric fascination with gardens—which have been cornerstones of civilization since ancient Sumerians cultivated Mesopotamia’s “Fertile Crescent” around 6000 B.C.

In modern times, architects, the leaders of the biophilia revolution, popularized this phenomenon by integrating flowers, plants and natural greenery into their innovative designs that value workplace efficiency, environmental responsibility and community well-being. Their extraordinary efforts are elevating biophilic design into the mainstream. Biophilic design engages our senses in a variety of ways, both consciously or subconsciously via use of natural materials, water elements and especially universally beloved gardens.

Gardens boost employee productivity, corporate morale and the bottom line. **Garden on the Wall®** is a proud pioneer of this movement and a safety net for those seeking to eliminate the maintenance hassles of living walls.

Studies show biophilic design has significant physiological effect on humans. It stimulates cognitive function, lowers blood pressure, reduces stress levels, balances hormone levels/mood swings, and according to a recent Harvard study, it may even make us live longer.

For corporate environments, these Garden Installations mix business with pleasure, allowing companies to integrate a utopian atmosphere that distinguishes from the competition. More inherently, it reconnects the modern world and its people with their biological feel-good essence—nature. Just like ancient times. **Garden on the Wall®** recommends biophilia to become part of a company’s design DNA.



Applications

Biophilic design reconnects built environment occupants with nature. This connection has been found to optimize productivity, healing time, learning functions and community cohesion while elevating the employee experience.

Created exclusively for indoor use, our ‘Maintenance-free Garden Installations’ are suitable for a wide-variety of end-use, applications.

- Workplace
- Hospitality
- Retail
- Healthcare
- Transportation & Aviation
- Sports & Recreation
- Academic & Education
- Residential
- Senior Living

Variety of Plants

From flat moss, ball moss and lichen moss to eucalyptus, forest elements and ferns, we offer a diverse selection of natural preserved plant species combinations from which to choose, including various sizes and types of preserved trees that are created with preserved plants and other natural elements.



Care Instructions



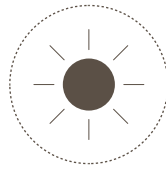
NO Need for
Watering, Misting or Irrigation



NO Need for
Trimming or Pruning



NO Need for
Soil



NO Need for
Sunlight



Location

- For indoor use only.
- Display at normal room temperature (60-85°F).
- Avoid displaying in high humidity (>70%).
- Avoid displaying close to (2 feet) heat emitting lights. LED lights are recommended for illumination.
- Since UV light may cause color degradation, full or direct sun exposure requires UV Controlled Windows or Window Films.

Maintenance

- Low speed leaf blower is recommended for dusting every 8-12 months or as needed. Please ensure keeping the nozzle 2-3 feet away from the installation as strong airflow may cause damage the preserved plants and foliage.
- Feather duster is recommended for occasional dusting. Avoid spray dusting as it is too aggressive for preserved plants.
- Avoid spraying and washing with water and all liquids. Contact with such can cause premature color degradation.
- As the preserved plants and flower foliage are natural and non-toxic, they can be targeted by insects. Therefore fumigation of the display area in the sign of insect presence is advised.

Design Process

The Design of our Garden installations are prompted once the Tier and Plant Selections are completed.

Tier Selection

Contemporary or traditional, our Wall Gardens begin with a flat moss canvas, beautified with Tiered foliage varieties that imaginatively showcase texture, density and color vibrancy.

Tier 1: Leafy Foliage having less than 50% Density

Tier 2: Leafy Foliage having more than 50% Density

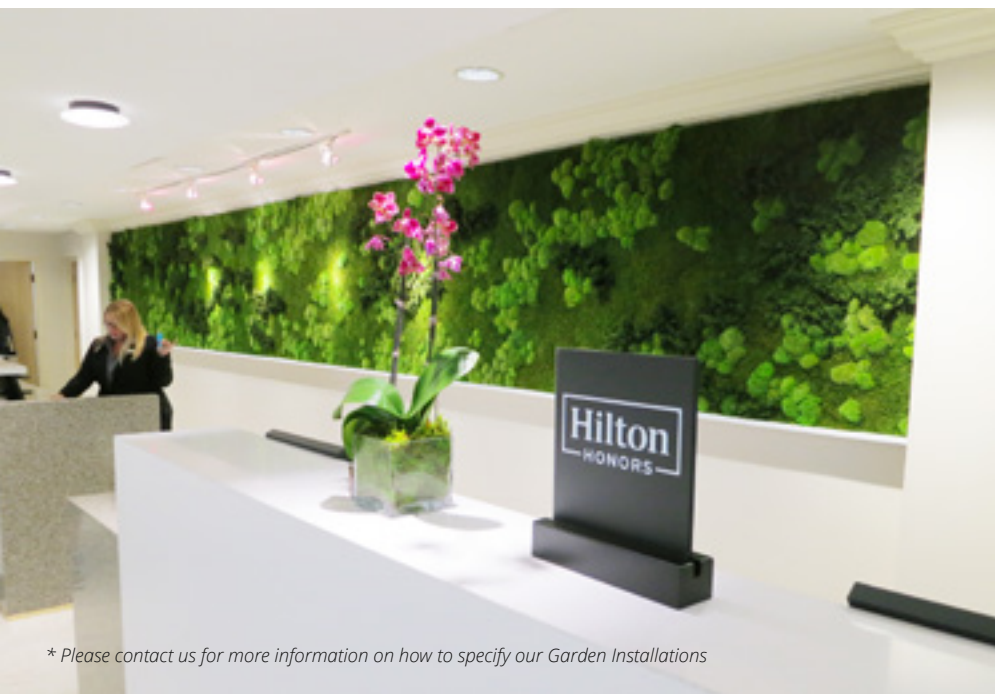
Special Tier: Striking high-quality foliage sculptures designed for maximum attention and appreciation

A. **Ball Moss Only:** Vibrant moss installations visually enhanced with creative lighting

B. **Lichen Moss Only:** "Leaf like" forms that adorn walls and other structures in eye-pleasing patterns

C. **Planter Inserts:** Creative green-element planters that embellish defined spaces

Tier 1: Leafy Foliage having less than 50% Density



Tier 2: Leafy Foliage having more than 50% Density



Special Tier A: Ball Moss only



Special Tier B: Lichen Moss only



Special Tier C: Planter Insert

** Please contact us for more information on how to specify our Garden Installations*

Eucalyptus Species



Alamo
Min.5" Max.15"



Baby Blue
Min.10" Max.20"



Gunny
Min.5" Max.15"



Nicoly
Min.10" Max.25"



Parvafolia
Min.10" Max.25"



Populus
Min.8" Max.15"



Populus Red
Min.8" Max.15"

Moss Species



Flat Moss



Ball Moss



Lichen Moss - Light Green



Lichen Moss - Dark Green

Plant Library

From flat moss, ball moss and lichen moss to eucalyptus, forest elements, ferns, flower foliage, grasses and palms, we offer a diverse selection of preserved plant species to choose from.

Flower Foliage Species



Amaranthus - Almond Green
Min.15" Max.25"



Amaranthus - Dark Green
Min.15" Max.25"



Peppertree
Min.10" Max.25"



Solidago
Min.6" Max.10"



Lavander
Min.3" Max.4"



H. Diosmi - Pink
Min.3" Max.5"



H. Diosmi - White
Min.3" Max.5"



H. Diosmi - Orange
Min.3" Max.5"



H. Diosmi - Blue
Min.3" Max.5"

Plant Library

Palm & Grass Species



Bear Grass
Min.15" Max.25"



Ginerium Grass
Min.30" Max.45"



Phoenix
Min.15" Max.25"



Washingtonia
Min.15" Max.25"

Fern Species



Adiantum Fern
Min.4" Max.8"



Fougere Felci
Min.4" Max.6"



Ming Fern
Min.5" Max.12"



Tree Fern
Min.5" Max.10"



Parchment Fern
Min.8" Max.12"

Forest Species



Aralia
Min.10" Max.15"



Papyrus
Min.8" Max.12"



Cocculus
Min.10" Max.20"



Foxtail
Min.8" Max.15"



Tropical Leaves
Min.10" Max.15"



Hedera
Min.5" Max.10"



Hedera Feuilles
Min.5" Max.8"



Hedera With Fruits
Min.5" Max.10"



Hedera Red
Min.5" Max.10"



Pitosporum
Min.5" Max.10"



Pitosporum Red
Min.5" Max.10"



Salal
Min.8" Max.14"



Thuja
Min.10" Max.20"



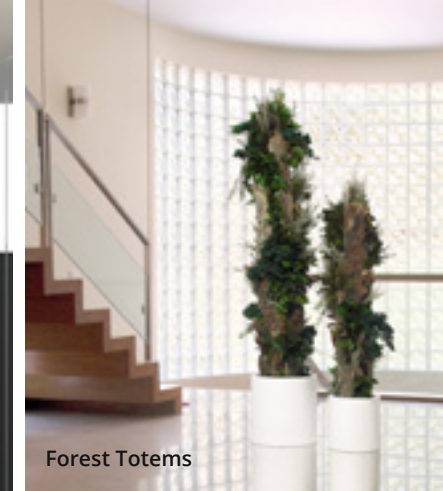
Buxus
Min.5" Max.10"

Tree Library

Juniperus Trees



Forest Totems



Prairie Totems



Thuja Trees



Salal Trees



Juniperus Bonsai Trees



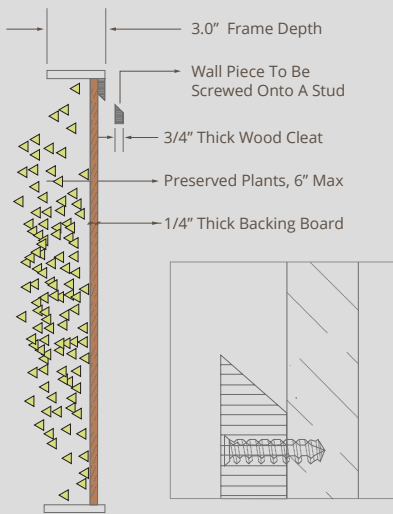
Tobira Bonsai Trees



Integration Options

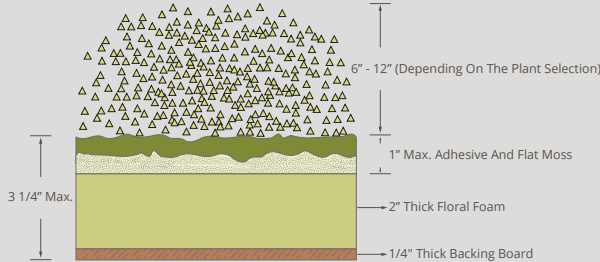
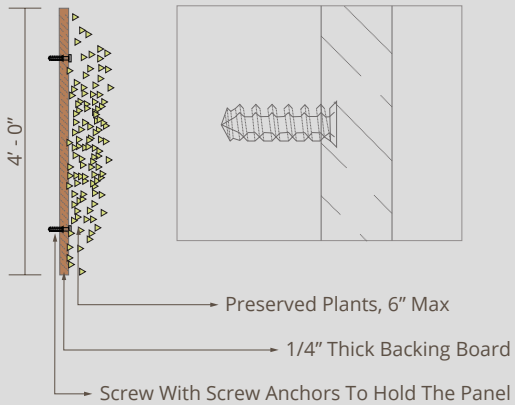
Pre-Framed Wall Gardens:

Wood cleats are used for the installation of the Pre-framed Wall Gardens. Framed with 3" deep wood, the total depth they require is maximum 6" depending on the plant selection.



Multi-Panel Wall Gardens:

Wall Garden is created on 4' Wide X 4' High (or smaller) panels and are numbered to guide the installation. The size of the panels may vary based on the total size of the installation and the location of the project.



Planter Insert:

Created with a layer of rigid expanded polystyrene to maximize plant height and lushness, these planter inserts are custom created to seamlessly integrate to planter boxes of your choice.

Gallery





Moss Combinations

Top Right

Tier 1: Flat Moss with Lichen Moss Logo

Bottom

Special Tier A: Ball Moss only

Bottom Right

Special Tier C - Planter insert: Planter Insert with Flat Moss and Ball Moss



Top Left

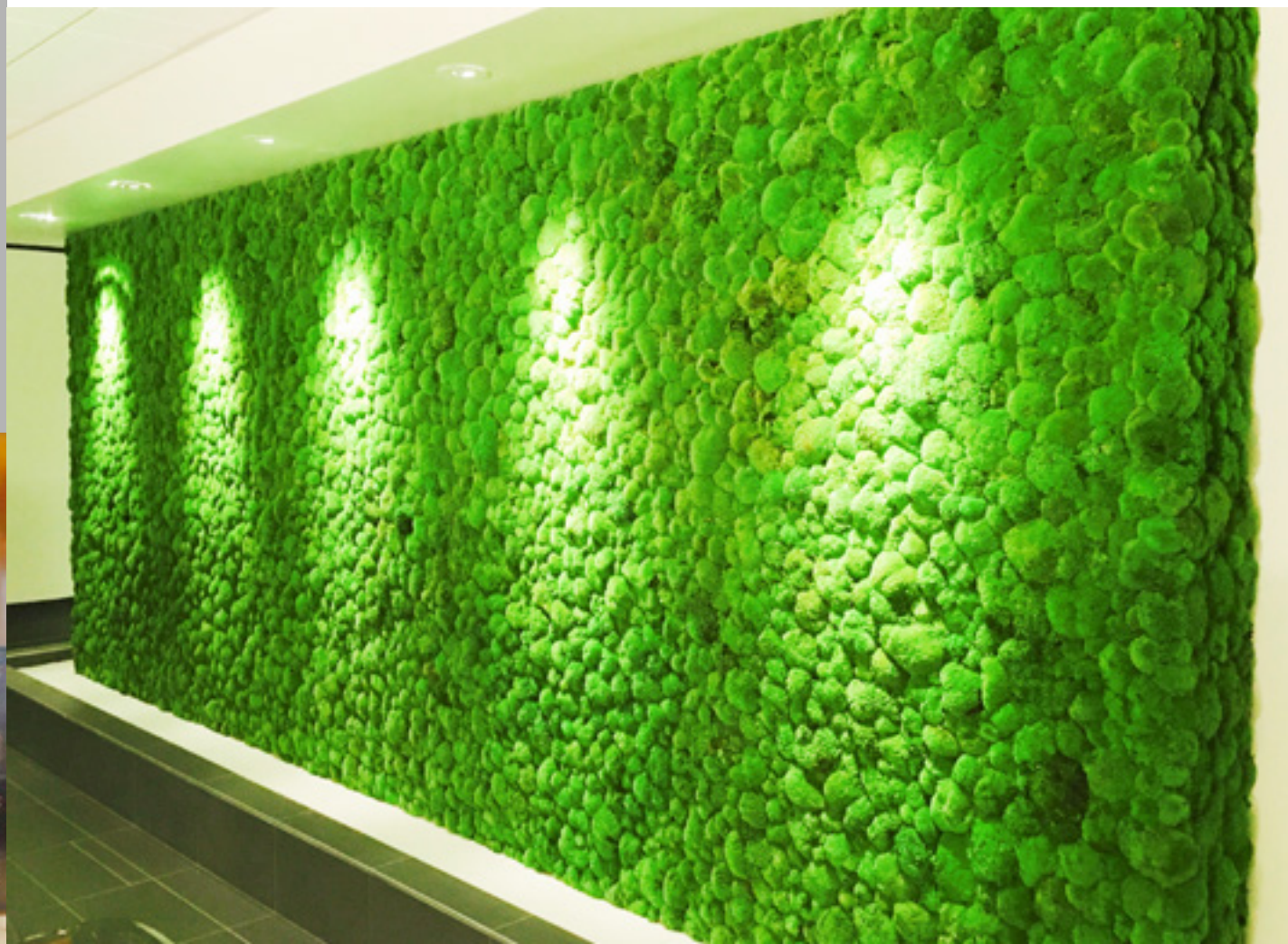
Tier 1: Flat Moss and Ball Moss

Bottom Left

Special Tier A: Ball Moss only

Bottom

Tier 1: Flat Moss and Ball Moss (Custom Shape)



Wall/Ceiling Gardens with Foliage



Tier 1: Flat Moss, Ball Moss, Nicoly, Peppertree, Hedera, Ming Fern, Almond Green Amaranthus, Red & Green Populus, Parvafolia, Salal and Thuja

Tier 1: Flat Moss, Hedera and Hedera Feuilles



Tier 1: Flat Moss, Ball Moss and Ming Fern

Left

Tier 2: Flat Moss, Ball Moss, Nicoly, Peppertree, Hedera, H. Diosmi flowers, Adiantum Fern and Tree Fern

Center

Tier 1: Flat Moss, Ball Moss, Parvafolia, Salal, Nicoly, Peppertree, Ming Fern and Thuja

Right

Tier 1: Flat Moss, Ball Moss, Thuja, Hedera, Pitosporum, Almond Green Amaranthus and Adiantum Fern



Top Left

Tier 1: Flat Moss, Ball Moss, Cocculus, Red & Green Hedera, Ming Fern and Salal

Top Right

Tier 2: Flat Moss, Ball Moss, Pitosporum, Ming Fern, Parchment Fern, Adiantum Fern, Tree Fern, Hedera, Salal and Almond Green Amaranthus

Bottom Left

Tier 2: Flat Moss, Ball Moss, Baby Blue, Parvafolia, Thuja, Tree Fern, Papyrus, Salal and Almond Green Amaranthus

Bottom Right

Tier 1: Flat Moss, Ball Moss, Lichen Moss, Pitosporum, Nicoly and Peppertree





Pre-framed Wall Gardens

❖ **Tier 1:** Flat Moss and Ball Moss

Bottom Left

Tier 1: Flat Moss, Ball Moss, Lichen Moss, Foxtail and Ming Fern

Bottom Center

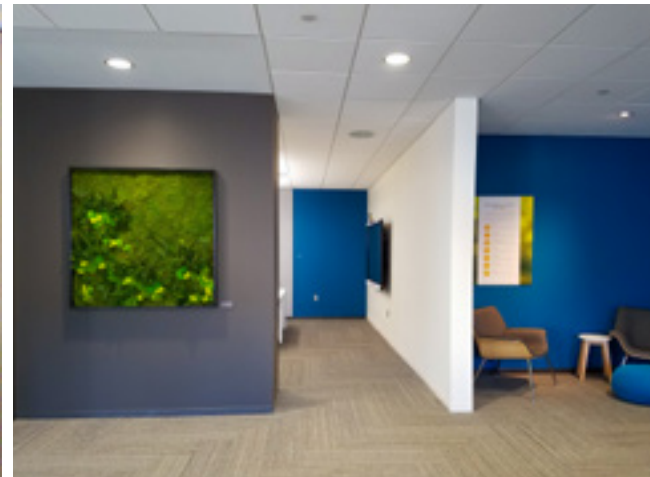
Tier 1: Flat Moss, Ball Moss, Salal, Ming Fern, H.Diosmi flowers, Parchment Fern, Pitosporum and Adiantum Fern

Bottom Right

Tier 1: Flat Moss, Ball Moss and Adiantum Fern

❖ **Tier 1:** Flat Moss, Ball Moss and Adiantum Fern

Tier 2: Foxtail and Ming Fern ❖
Special Tier A: Ball Moss only



Planters and other Elements

Top Right

Special Tier C - Planter Insert: Flat Moss, Ball Moss and Juniperus Trees

Bottom Left

Special Tier C - Planter Insert: Flat Moss, Ball Moss, Thuja, Juniperus Bonsai and Juniperus Trees

Bottom center

Special Tier C - Planter Insert: Hedera and Hedera Feuilles

Bottom Right

Channel Letter: Flat Moss, Ball Moss, Ming Fern and Adiantum Fern



Left

Special Tier C - Planter Insert: Flat Moss, Foxtail, Bear Grass, Papyrus and Ming Fern

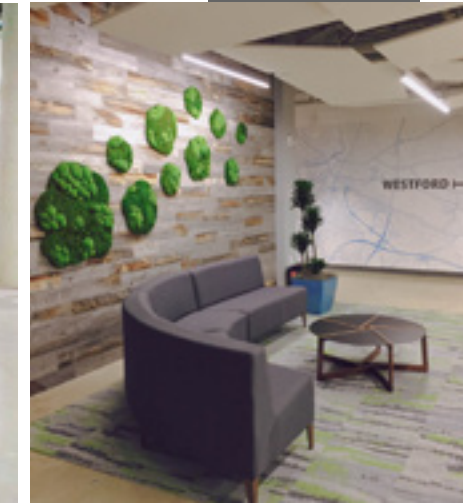
Top Right

Tier 1: Flat Moss and Ball Moss

Bottom Center

Special Tier C - Planter Insert: Flat Moss, Ball Moss and Thuja

Custom Shaped Wall Gardens



Center Left

Tier 2: Flat Moss, Ball Moss, Lichen Moss, Solidago and Pitosporum

Top Left

Tier 1: Flat Moss

Top Center

Tier 1: Flat Moss and Ball Moss

Top Right

Tier 2: Flat Moss, Ball Moss, Solidago, Pitosporum and Lichen Moss

Bottom Right

Tier 1: Flat Moss, Ball Moss, Salal, Pitosporum, Ming Fern and Almond Green Amaranthus







THE ART OF PRESERVED NATURE™

5 Washington Court, Livingston NJ 07039
1-888-234-3392 - info@gardenonthewall.com - www.gardenonthewall.com

Copyright © 2015 Garden on the Wall LLC. All Rights Reserved