Product

Catalog

Information



Vertical Jardin



Www.verticaljardin.com info@verticaljardin.com +(297) 742 5044

PINE

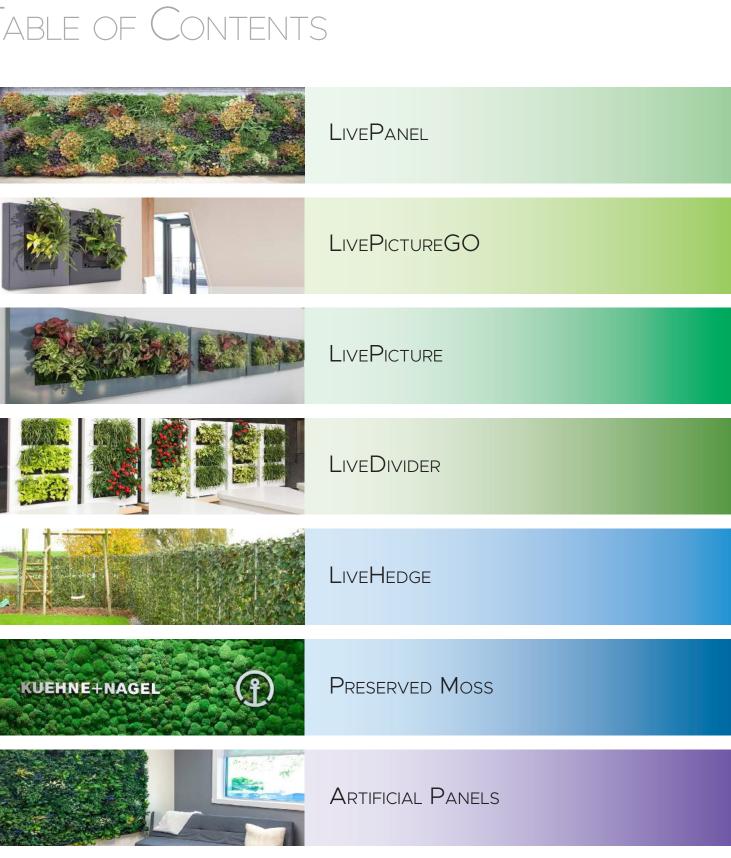
Our intelligently engineered living wall systems can fit almost any wall location, size, or shape.

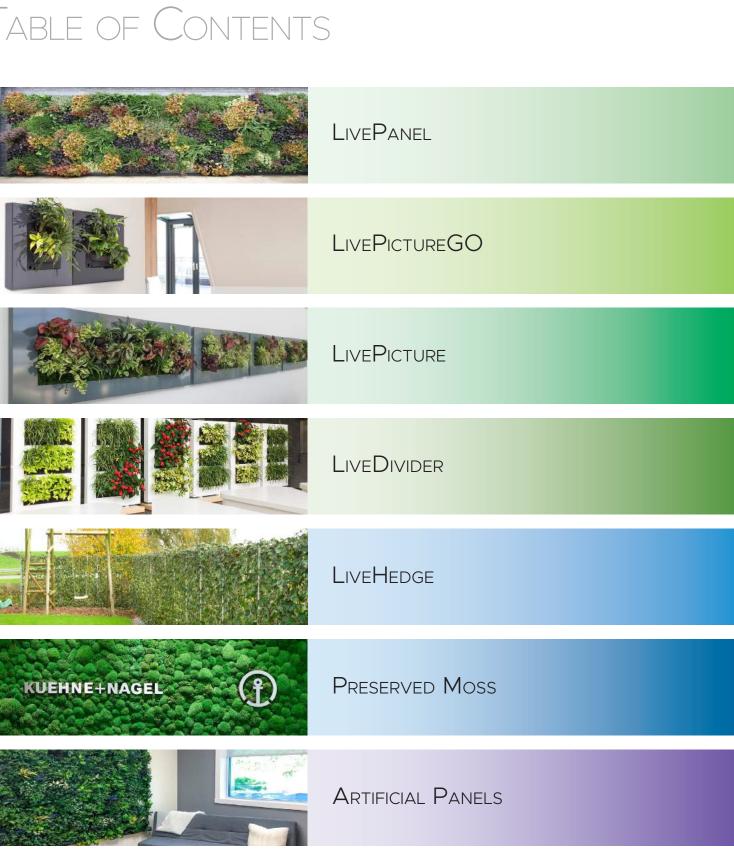






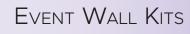








Nuremberg, Germany



LIVEPANEL PRODUCT FEATURES



Easy Installation

No waterproofing or structural reinforcements required to install hardware



Smart & Safe Watering

Passive irrigation system utilizes natural capillary wicking, which is much more reliable than pumps, drip irrigation lines or catch basins



Lightweight & Slim

Only 8 lb/sqft when fully loaded with plants and water. Protrudes only 3.75" from the wall.



Healthy Plants

Plants can grow throughout the cassette (i.e. not contained to their grow pots), producing a vibrant living wall



STREAMLINED PROCESS

Initial Consultation

• Review project criteria such as timeline, size, budget, design goals, etc.

Design Phase

2

3

5

- Select a living wall that fits both your budget and design goals
- Determine plant pattern, irrigation method, and supplemental lighting needs

Pre-Installation

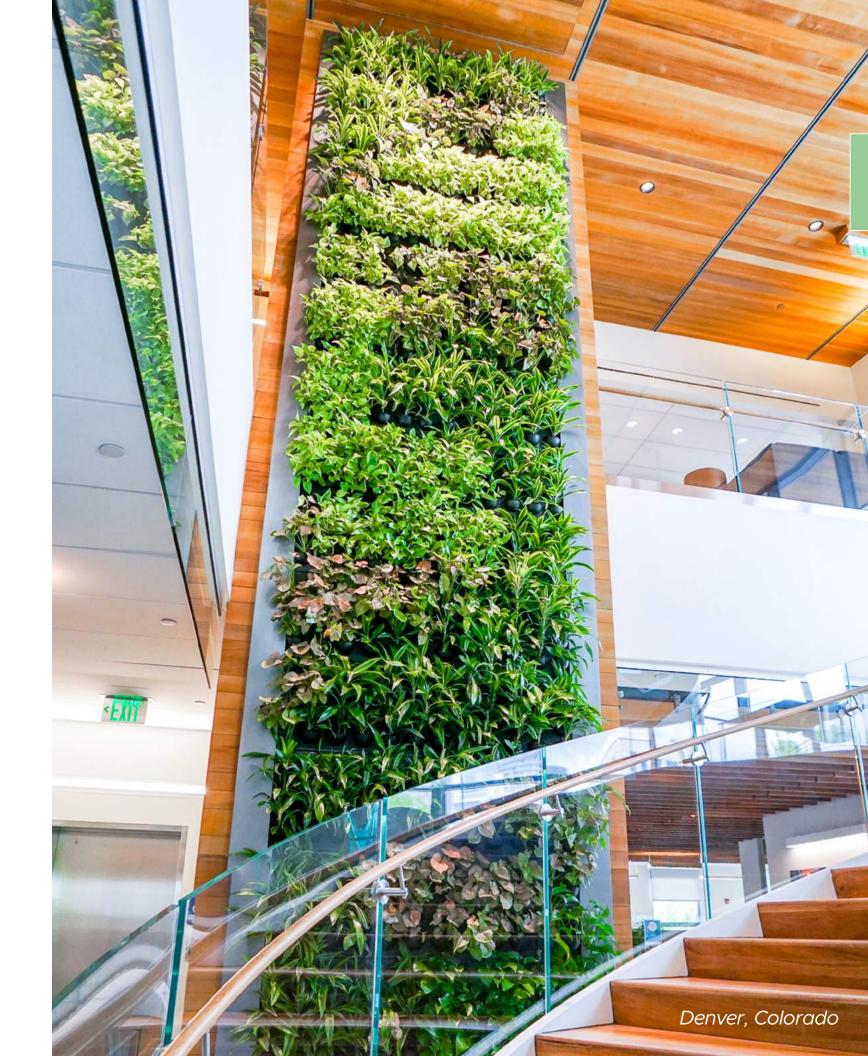
- Shop drawing(s), field measurements, MEP documents, etc.
- Source plants and start pre-growing in greenhouses

Installation

- LIVEPANEL hardware installed on site
- Coordinate with MEP trades for irrigation and lighting
- After irrigation and lighting are tested successfully, plants arrive on site to be installed

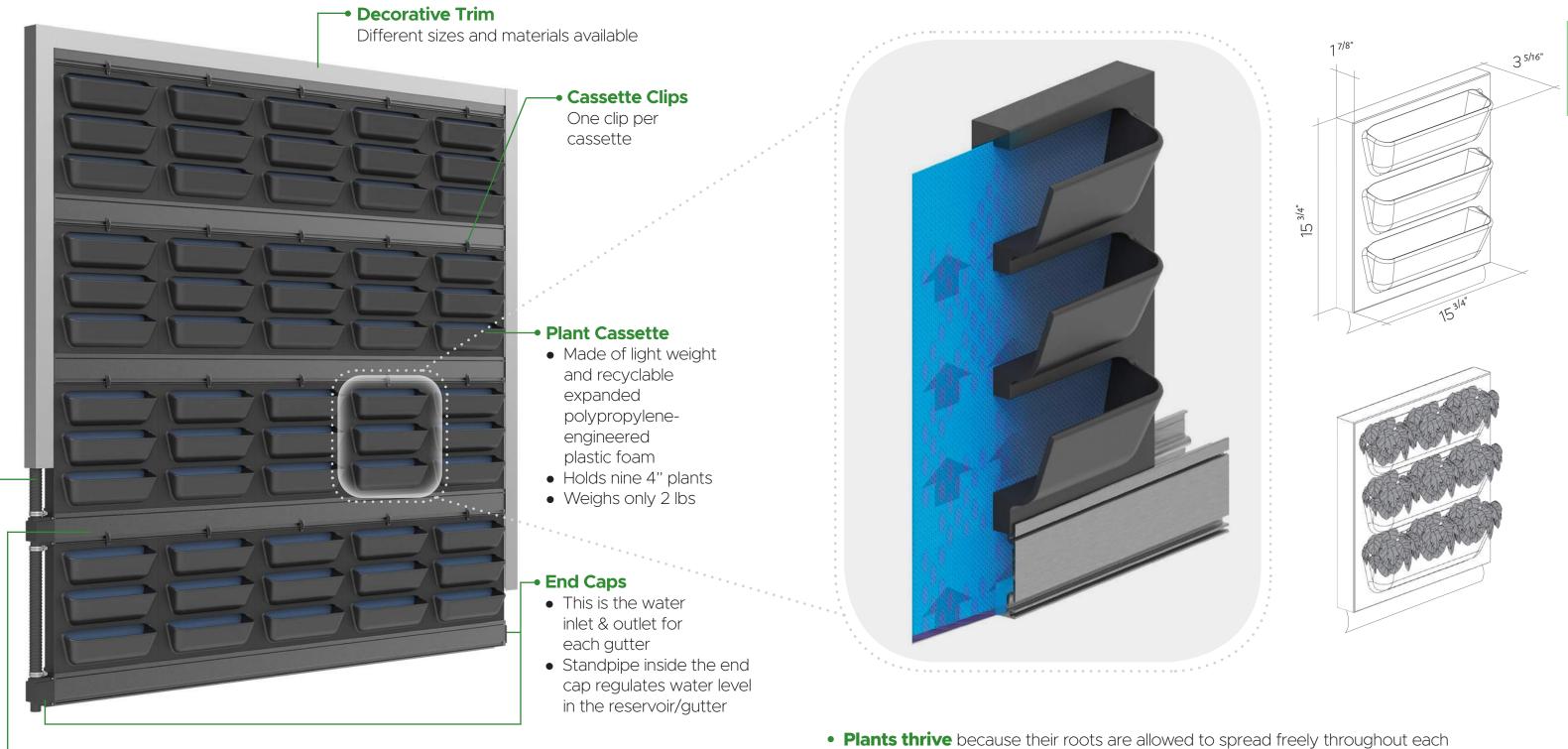
Maintenance

- Every green wall requires ongoing plant maintenance
- Nationwide network of experienced plant maintenance providers
- Hardware and plant warranty



LIVEPANEL FEATURES

PLANT CASSETTE DETAILS



Gutters

- Made of anodized aluminum
- Serve combined function of structural frame and irrigation mechanism for the living wall

• Flexible Hoses

Connects sequential rows of gutters allowing water to flow between them during watering process

- cassette, resulting in a lush and vibrant green wall
- Plants remain healthy because they sit at a natural growth angle
- Polyester blend wick supplies even and steady water and the plastic back shell keeps moisture contained

RRIGATION

All plants need water. There are many different possible irrigation methods. Selecting the right one for your project depends on the size of the green wall, accessibility, location, and budget. LIVEPANEL green walls can be manually or automatically watered.

Manual Irrigation



Portable Water Tank

- Only for small and easily accessible walls
- Can use a catch basin for manual drainage
 - + No upfront costs for plumbing, drainage or electricity
 - Ongoing maintenance costs may be higher
 - Possibility for human error



Hose Connection

- Can be a temporary hose or a hard line plumbing pipe with an on/off valve
- Can use a catch basin for manual drainage
 - + Low or zero upfront costs for plumbing, drainage and electricity
 - Ongoing maintenance costs may be higher
 - Possibility for human error





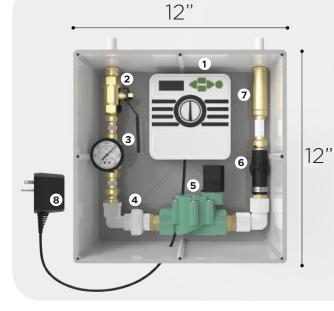
Irrigation Control Unit (ICU) Connected to 110V power supply

Automatic Irrigation



Irrigation Control Unit (ICU)

- Programmable irrigation unit with optional fertilizer injection
- Requires water supply and drainage connections to buildings' plumbing
 - + Ensures plants always have water
 - + Lower ongoing maintenance costs
 - Additional upfront costs for plumbing, drainage and electricity





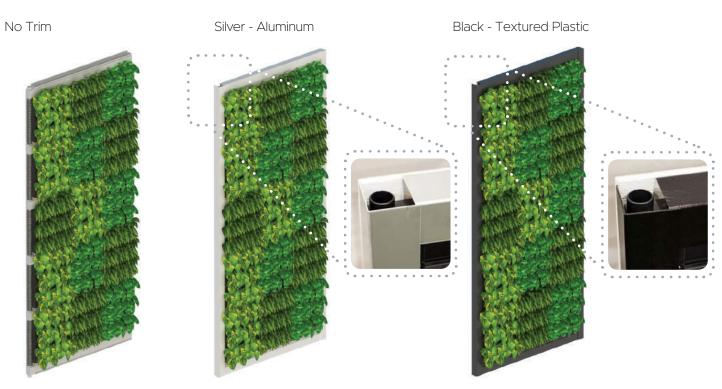




Electronic Controller
Shut Off Valve
Pressure Gauge
Union Fitting
Solenoid Valve
Pressure Reducer
Check Valve
110v Power

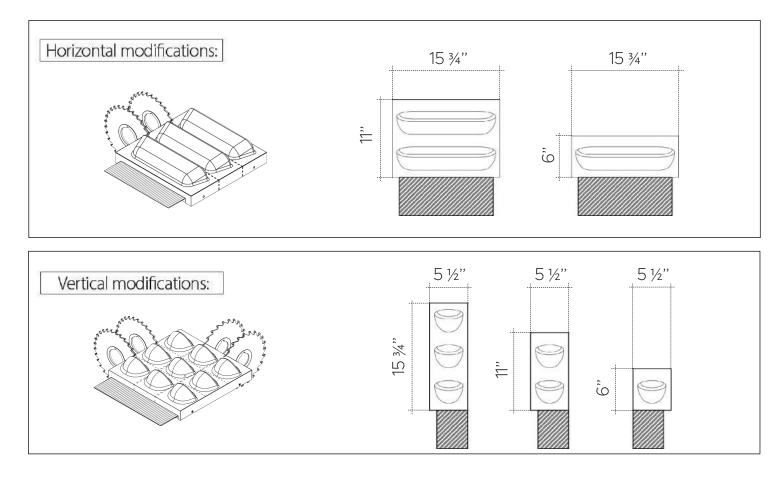
TRIM OPTIONS

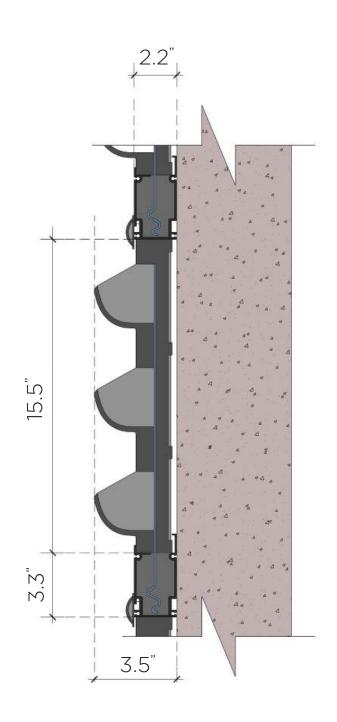
Typical Installation Detail

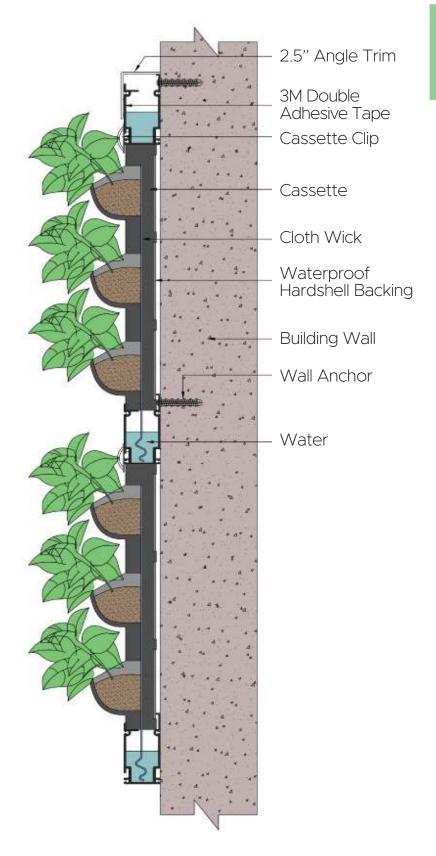


MODIFICATIONS

Plant Cassettes can be cut into one-third pieces, both horizontally and vertically. LIVEPANEL can get within +/-5" for any specified green wall length or width.







RECOMMENDED GREEN WALL LED LIGHTING FIXTURES

A minimum of 150 foot candles of light measurable at any point on the green wall surface is recommended. Supplemental lighting may be required. A photometric analysis, taking seasonal lighting changes into account, should be completed to confirm that specified light fixtures will be sufficient



Track Lighting



4000K 8 Degree Narrow Spot Call Suite Plants

Recessed Lighting



Phillips LLABR-VA 22W 4000K 22 Degree Narrow Flood 10 Degree Narrow Spot **Call Suite Plants** \$350 and up (multi bulb configurations available)



Model

Cost

Bulb Type: 3-6'

Bulb Type: >6'

Eaton L806HO 4000K 25 Degree Narrow Flood 11 Degree Spot Call Suite Plants

\$275 (includes 8' track)

Phillips LLAB3-VA 39W 23 Degree Narrow Flood \$285 (includes 8' track)



Other



Sunlite ST30Y48M10X6R 5500K

LED light bar available in 12"-96" lenghts

~\$100 per 12" length





Pittsburgh, Pennsylva<mark>nia</mark>



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CHIC & COMPACT

LIVE PICTURE GO

Side View





Front View





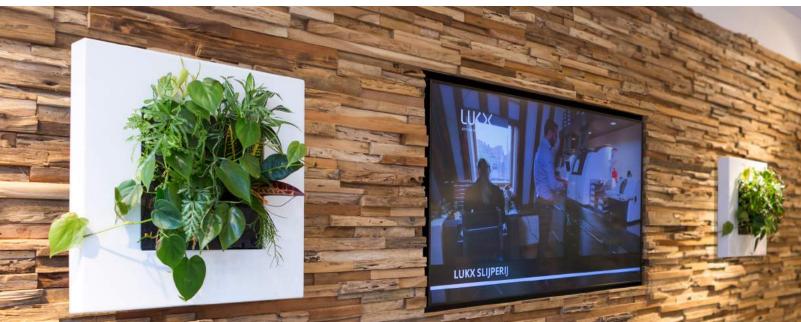
- **Sizable** Holds 4-6 plants
- Simple Easy to install and maintain
- Smart Watering can indicator lets you know when it's time to add more water (holds 1-2 weeks)



Available colors:	white

red

charcoal







Living Artwork

LIVEPICTURE



- Simple: Hangs on the wall as easily as a painting; no electricity needed
- Easy: Water tanks behind the frame hold 4-6 weeks of water
- Branding Opportunity: Custom graphic or logos can be added to the frames

Available colors:

charcoal

silver

white







Freestanding Living Wall

white*

- **Doesn't Require Any Electricity** and the integrated watering system holds 4+ weeks of water
- Holds Plants On Both Sides and comes with a solid base

Available colors:

silver

* special order



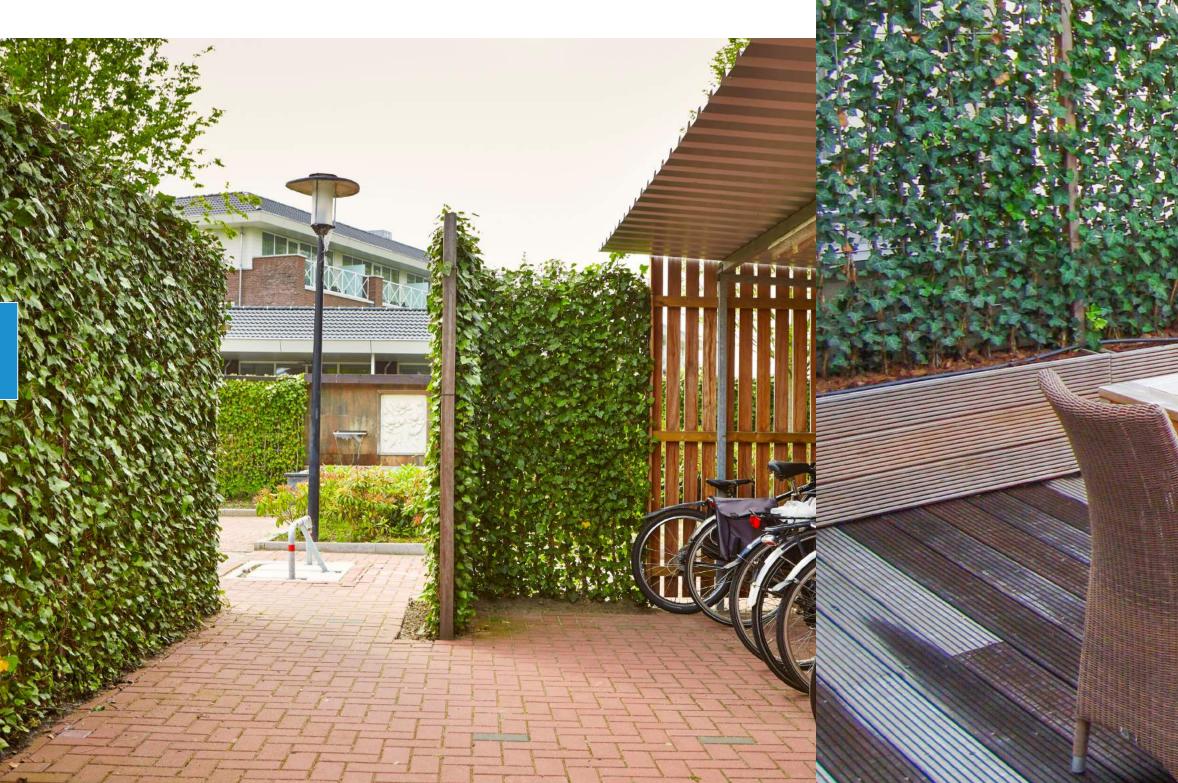






BIO FENCING LiveHedge

- Instant Greenery & Privacy Pre-grown trellis create a visual barrier with plants
- Any Size Trellis is fabricated to meet your exact specification
- Plants Thrive Plant species carefully selected to match your climate
- Flexible Installation Trellises can be planted directly into the ground or into a planter box



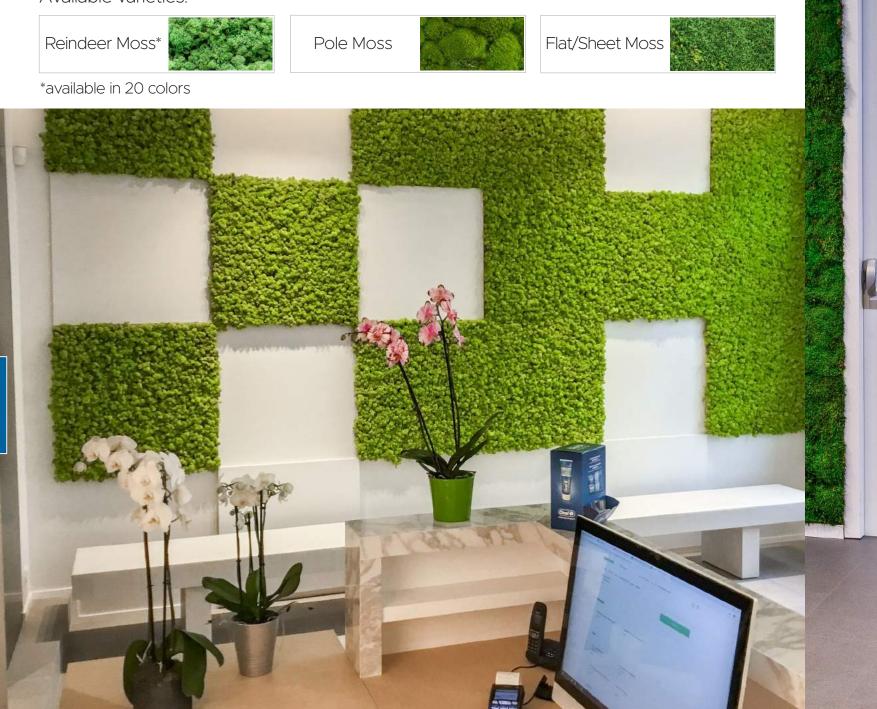


Mummy Plants

PRESERVED MOSS

- Unique Offers a completely different look than plant walls
- Simplicity Easy to install and do not require any water, light or maintenance
- Flexibility Can be made in any shape, including intricate corporate logos

Available varieties:







Zero Maintenance

ARTIFICIAL **P**ANELS

- Lifelike Ultra-realistic artificial plants mimic nature's beauty
- **Versatile** Overcomes complex design challenges (no light, limited access, harsh environments, etc.)
- **Practical** Year-round greenery for a fraction of the cost and without any need for maintenance

Available in 2 Base Panel Options:



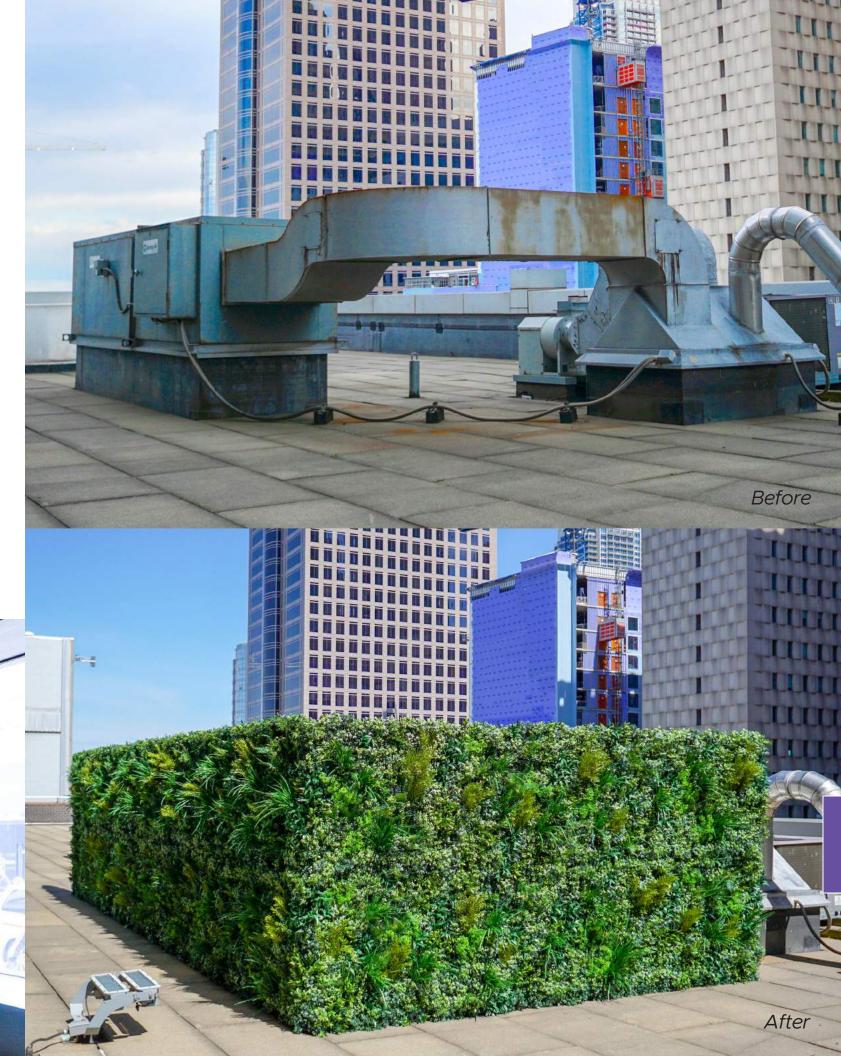


Lush Green UV-rated/fire retardant, suitable for long-term outdoor applications



Choose between 12 color accent plants to customize your wall







Picture Perfect Event Wall Kits

Made up of our lifelike artificial panels this 9' x 9' wall is a great asset for your next event to help achieve those Instagram worthy photos.

- **Quick** Create a beautiful green wall in under 30 minutes
- **Personalized** Custom signage available
- Captivating Ideal backdrop, guaranteed to encourage photography and social media sharing







Prefabricated products	Colors	SKU	Number of 4" plants	Size (HxWxD)	Weight Empty Full		Water Capacity
LivePicture GO					Lmpty	T Gill	
	White Black Red Charcoal	LP-G-W LP-G-B LP-G-R LP-G-C	4	20.3"x20.3x4.4"	6 lb	+/- 12lbs	0.5 gal
LivePicture I							
	Silver White Charcoal	LP-1-S LP-1-W LP-1-C	9	28.5″x28.5x2.75″	26.5 lb	61.9 lb	3.7 gal
LivePicture II							
	Silver White Charcoal	LP-2-S LP-2-W LP-2-C	18	28.5″x44.5x2.75″	36.5 lb	87.4 lb	5.0 gal
LivePicture III							
	Silver White Charcoal	LP-3-S LP-3-W LP-3-C	27	28.5″x60″x2.75″	46.5 lb	112.4 lb	6.3 gal
LivePicture IV							
	Silver White Charcoal	LP-4-S LP-4-W LP-4-C	36	28.5"x76"x2.75"	56 lb	137.9 lb	7.7 gal
LivePicture XL							
	Silver White*	LP-XL-S LP-XL-W	54	67"x44.5"x2.75"	77 lb	187.8 lb	10.0 gal
LiveDivider							
	Silver White*	LD-2-S LD-2-W	108	71"x44.5x5.5"	282 lb	443.8 lb	20.3 gal
*Available upon request (please allow extra time for delivery)							

Custom Green Wall Systems





Moss



Artificial Living Wall

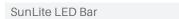
Custom Trellises and Planter Boxes



Maintenance & Light Solutions



LivePicture Light





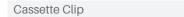
Light Meter



Miscellaneous Items & Extra Parts

Moss Sample Box







LivePanel



Fabricated to meet any size or specifications. Selection of different materials, colors, and vining plants available. Call for product pricing

Fertilizer Kit
LivePicture Funnel
Irrigation Control Unit w/ fertilizer injector system
Cassette
 Filler blocks

