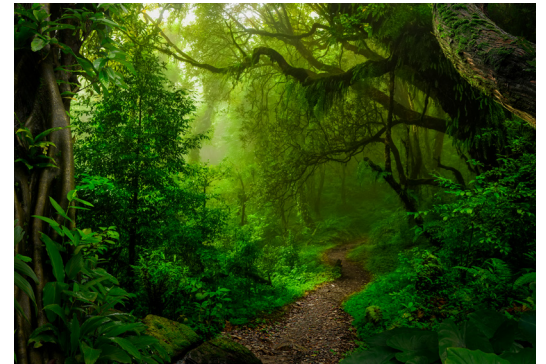






Experience the intriguing...

Mandara embodies the layered harmony of Asia's landscapes – lush forests, bamboo groves, and sculpted gardens. Replica broad leaves merge with refined, delicate foliage, creating tonal depth from deep emeralds to light variegation. The result is a balanced, tranquil surface that speaks to both vitality and serenity. With Thermaleaf® fire-retardant protection, Mandara is an homage to Asia's ecological richness and cultural tradition of balance

Why Replica Greenery?

Replica greenery in green walls delivers the beauty of natural vegetation with added performance: its textured surfaces and acoustic backers absorb and diffuse sound, enhancing comfort in busy environments; fire-retardant materials ensure compliance with safety codes; and low-maintenance durability preserves a lush, evergreen look without irrigation, trimming, or fading – offering a sustainable, reliable, and cost-effective alternative to living walls.



Acoustic
Absorption
Performance



Fade-Resistant
UV-Resistant
Colors



Sustainable &
Environmentally
Friendly



Thermaleaf®
Inherently Fire
retardant Foliage



Permaleaf®
Inherently Fade
Resistant Foliage

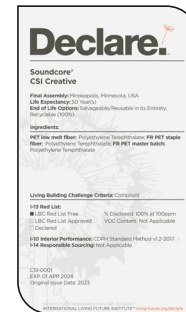
Product Specifications

Product Name	MANDARA
Product ID	SUR-PFL-061
Acoustics	0.55 - 0.65 NRC
Lead Time	Lead time is dependent on project size. Contact us for more information.
Durability	Contract

Warranty	Comes with industry-leading standard warranty.
Flammability	ASTM E84: Class A, CAN/ULC-S102.2 - FSR: 15 SDC: 100
Custom	Custom colors and manufacturing services available. Additional charges and lead times may apply.
Maintenance	Vacuum occasionally to remove airborne dust or debris. Mild detergents or soaps may be used to remove stains. For detailed care instructions, refer to the CSI Creative Maintenance Information document.

Material Specifications

	Thermaleaf® Replica Greenery
Appearance	Built Botanically accurate
Weathering	Injection molded for excellent weathering and UV resistance
Environmental	LEEDv4, VOC free, 100% recyclable, non-toxic, non-allergenic, anti-microbial.
Maintenance	Clean with vacuum or light dusting
Flammability	ASTM E84/NFPA701/NFPA705/BS476
	Soundcore®
Content	Recycled PET acoustic felt
Weathering	Colorfast, non-deteriorating, non-hygroscopic
Environmental	Recycled PET acoustic felt is 60% post-consumer recycled content and is 100% recyclable. Contributes points toward LEED v4, CDPH v1.2, VOC free, non-toxic, non-allergenic, anti-microbial - does not attract mold and mildew. Compliant with Living Building Challenge criteria & DECLARE Red List Free.
Variation	PET felt panels are created through a manufacturing process known as 'felting'. This process results in a heathered appearance. Multiple color tones may appear in the same panel. Slight color variations should be expected.



Product Specifications

The heart and soul of our green walls lies in a simple modular design. Our green wall panels are designed in 4' x 9' Panels

The composition of our modular materials are made of flexible recyclable plastic mesh that can't be seen from the front of the panel once installed. These replica modular foliage panels easily link together at the edges, creating a seamless surfaces of any size. Our artificial green wall panels come in a variety of foliage types that can be mixed, matched and composed in any quantities. These panels can be easily cut to any shape to achieve custom designs and branding expressions.



Design flexibility

Replica Green Wall Panels are built to succeed in any environment. Here's a brief understanding of what they can do:

Specially formulated PermaLeaf® and ThermoLeaf® materials make them ideal for indoor and outdoor use.

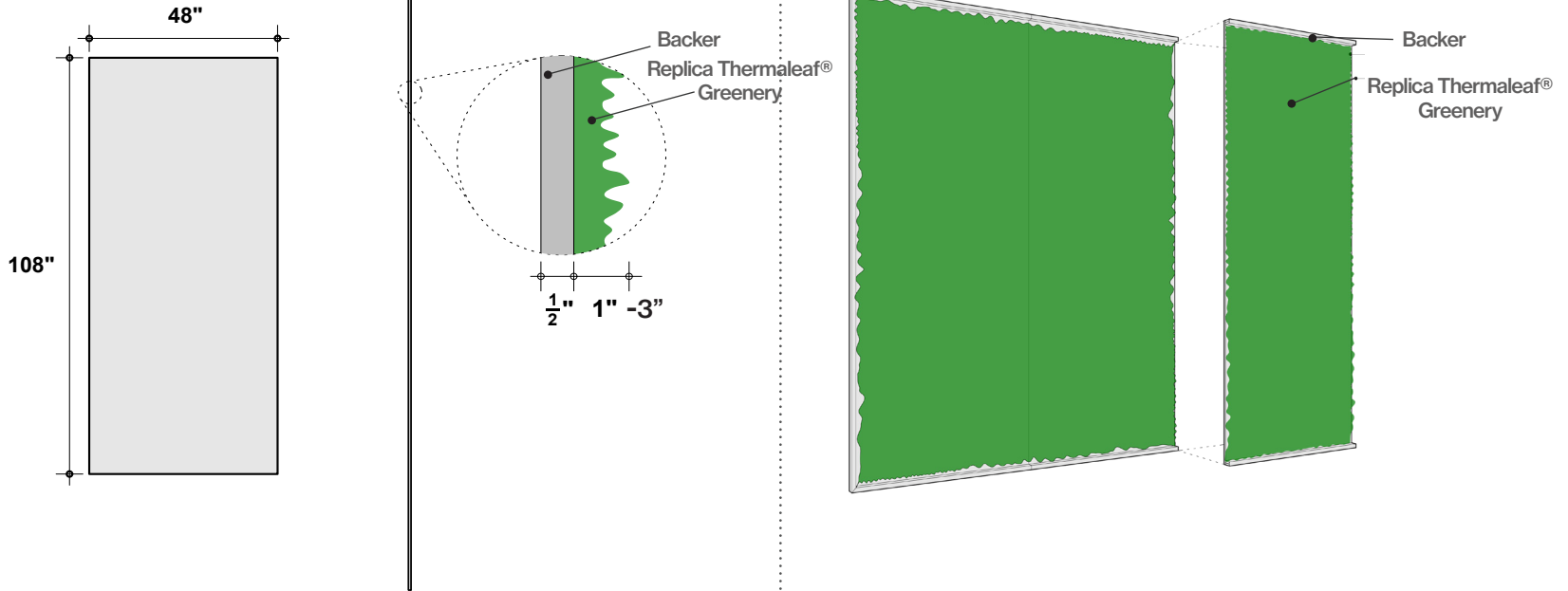
Flexible panels bend around curves and organic shapes. Pre-defined installation strategies for all site conditions.

Huge variety of artificial foliage for unique solutions.

Dimensions

Standard Unit Dimensions

Typical ranges for height and width.

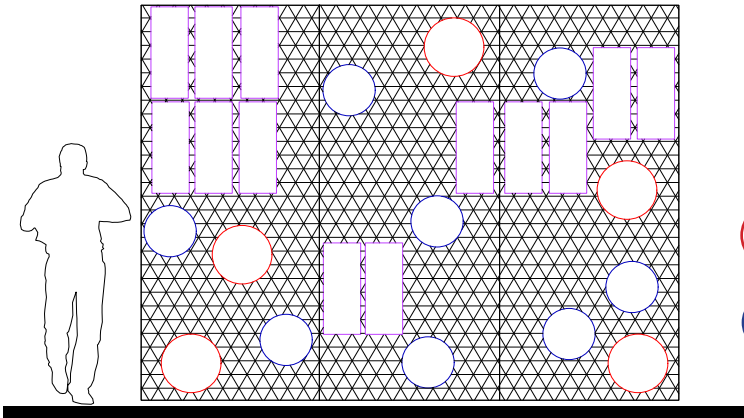
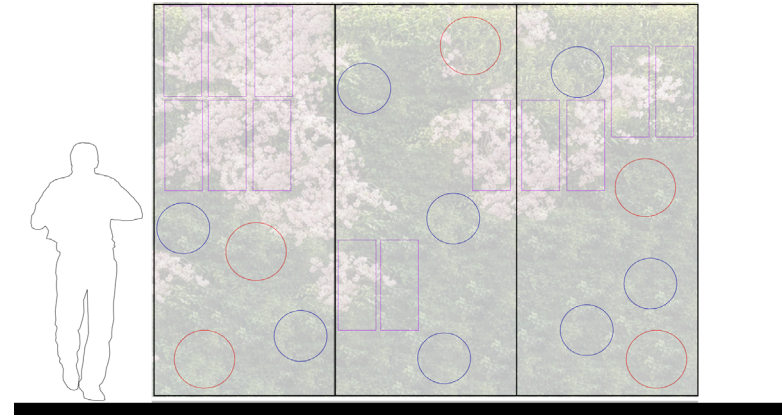
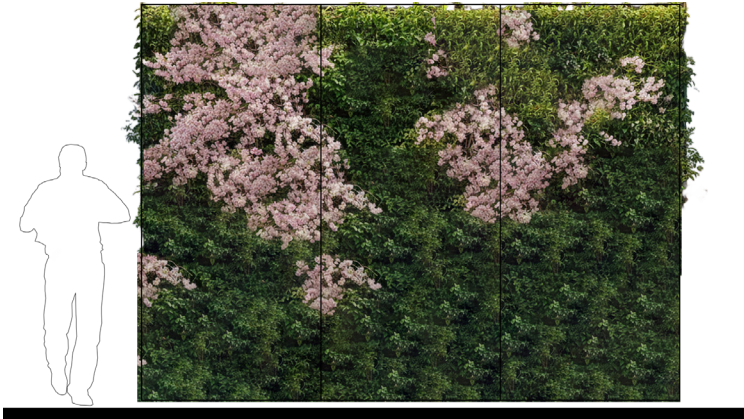


Custom Opportunity

Product dimensions can be manipulated in order to fit your design aesthetic and site conditions.

Design Options

The layouts shown are a summation of individual units. Individual units may be assembled in various arrangements to dictate the larger design. Configurations shown are suggested, but can be rearranged to achieve a custom layout.



Greenery Dimensions + Key:



Hibiscus Spray

HIB#25P

25" H

13 units displayed



Evergreen Maria Bush

CEL#24M

15" - 28" H

5 units displayed



Sword Fern

FSW336+

47" H

8 units displayed



Boxwood Moss

Base layer

BOX#12M

(See pages 10-11 for
backer options)



Thermaleaf® Greenery

Commercial Silk International's trademarked ThermoLeaf® artificial foliage is a proprietary formulation and manufacturing process whereby the fire retardants are impregnated directly into the raw materials of the foliage resulting in an inherently fire retardant "IFR" product.

- + ASTM E84-95 Class A Fired Rated
- + Injected, non-topical treatment will not wash or wear off
- + Long lasting, consistent fire protection

Available Greenery Configurations



**Evergreen Maria
Bush**
CEL#24M



Bamboo Foliage
BB#60



Sword Fern
FSW336+



Hibiscus Spray
HIB#25P



Sweet Gum
SGM#32



Dogwood Branches
DOG#30Y



Snake Plant
SANM34YG+



Philodendron Vines
PHI#24



Magnolia Flowers
MAG333C



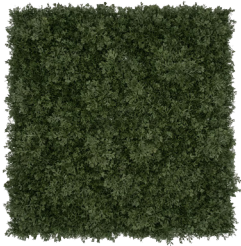
**Split Leaf
Philodendron**
PSL#84

Thermaleaf® Greenery

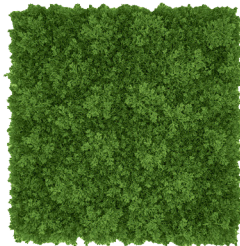
Commercial Silk International's trademarked ThermoLeaf® artificial foliage is a proprietary formulation and manufacturing process whereby the fire retardants are impregnated directly into the raw materials of the foliage resulting in an inherently fire retardant "IFR" product.

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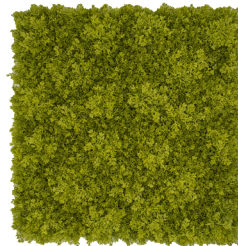
Available Greenery Configurations



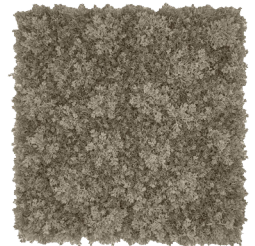
Reindeer Moss/ Dark Green
MRD#+L22DG



Reindeer Moss/ Medium Green
MRD#+L22MG



Reindeer Moss/ Light Green
MRD#+L22LG



Reindeer Moss/ Natural
MRD#+L22N



Boxwood
BOX#12M



English Ivy
IVE+T245WM



Creeping Fig
FCR#12M



Pearl Grass
PGMW#24

Thermaleaf® Greenery Continued...



Pearl Grass
GPE#24WMDG



Azalea
AZA+12MP



Azalea
AZA+12MB



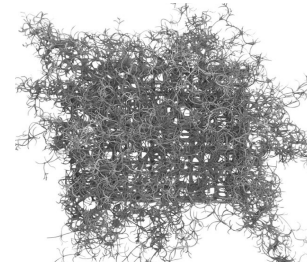
Juniper
JUN+T24WM



Boxwood Large Leaf
BOX+T24MLL



Spanish Moss
MSP+T12MGB



Spanish Moss
MSP+T12MG

Installation Options*

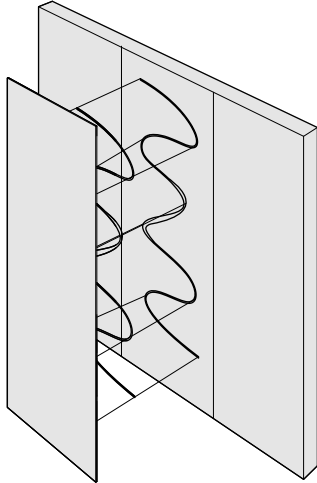
All products and installation methods can be **customized** to meet the unique requirements of your space.

Adhesive Direct Advantages

Attachment solution using an adhesive to apply directly to an existing surface or substrate.

- + Fastest installation time
- + No gap between target surface and product
- + Lowest profile installation option
- + Easiest to install
- + Most versatile installation option

Available methods: Construction Adhesive, Peel & Stick, Custom

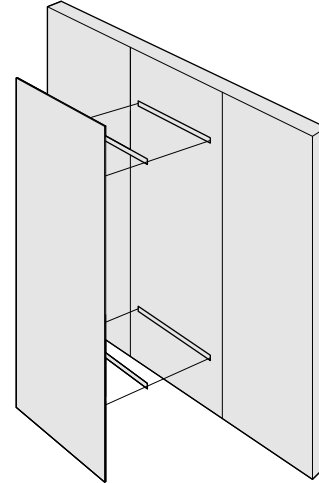


Mechanical Direct Advantages

Attachment solution using physical hardware to attach to an existing surface or substrate.

- + No clamping or dry time necessary
- + Easy to remove and does not damage the substrate when removed
- + Most appropriate installation solution for heavier products
- + Provides an opportunity for an air gap, which can increase the acoustic value of a product

Available methods: Z-Clips, Panel Clips, Standoffs, Screw & Washer, Magnet, Custom



*Not all listed attachment methods may be applicable to this product.

Direct Galvanized mesh attachment

Components

1.- Replica Base Greenery.-

Base layer (Boxwood, Artificial Moss, Juniper, Ivy, etc.(1.5" thickness))

2.-Welded Wire Mesh.-

1/4" Heavy Duty welded Wire mesh panel (4" x 4" squares)

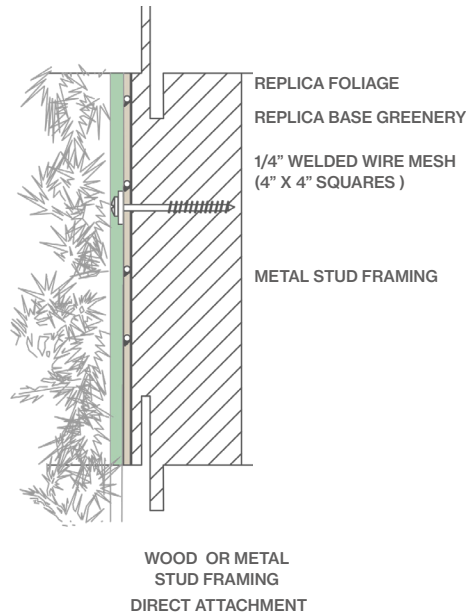
3.- Wood Backer.-(By others), on stud frame, based on size of green wall

4.- Replica 2nd Layer of Foliage

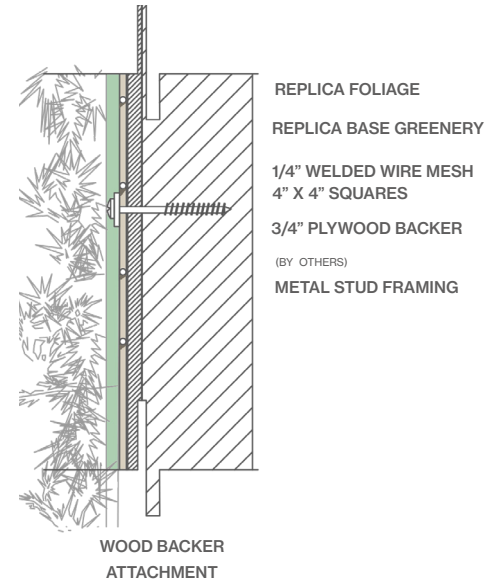
Thermaleaf® for Interior solutions Permaleaf® for exterior solutions.

More than 500 plants, bushes, grasses and leaves to select)

Wall Condition



Wall Condition



Density Type

Type R-01

Base replica greenery (100% All surface 1 1/2")
(Ideal for logo and branding exposure)

Type R-02

Base replica greenery (100% All surface 1 1/2") + 50% of replica foliage coverage

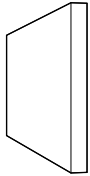
Type R-03

Base replica greenery . (100% All surface 1 1/2") + 75% of replica foliage coverage

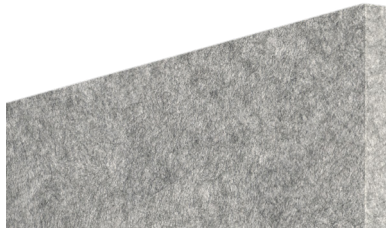
Backer Options

Soundcore®

Our recycled PET felt creates an acoustic barrier, defending against wandering white noise and irritating echoes.

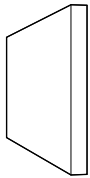


Single Layer
½" Thickness



Wood treated plywood 1/2"

Ideal for recessed wall opportunities & and Pre-Manufacture Solutions



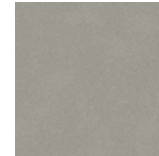
Single Layer
½" Thickness



Soundcore® Backer Color Options



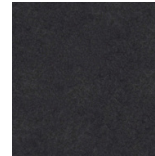
SND130
Buckskin



SND131
Abalone



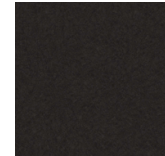
SND125
Chinchilla



SND103
Storm Cloud



SND038
Inkwell



SND122
Briquette



Why Replica ?

Being surrounded by moss evokes the feeling of walking through a misty rainforest enveloped by trees. Its velvety texture blanketing the forest floor creates a comforting environment. Incorporating biophilic design by including moss into interior spaces creates a bridge between the natural and built world.