

Operating and Installation Manual for Greenwall

Basic Terms:



The above Picture is of an Assembled Vertical Garden Panel. The Panel Consists of 2 Parts – Frame and Pots.

Dimensions of Frame: Height 18 Inches, Width 6 Inches

Dimensions of Pot: Length – 11.5 Cm, Width – 11.5 Cm, Height – 12 Cm

Area Covered by One Panel: 0.75 Sq. Ft

Basic Concept:

The Vertical Garden Panels manufactured by Chhaged Garden's are used to create Green walls, also known as vertical Gardens, Living walls. The Benefits and features of this system is highlighted in the soft copy of the Presentation. You may request the soft copy of Greenwall Presentation by sending an email to chhagedgarden@gmail.com with a Subject Line – Request for Greenwall Presentation.

Installation Guidelines:

The Greenwall Panels designed by Chhaged Garden can be installed / mounted on a wall or any Metal Structure.

Key Components required for Creating a Greenwall

1. Vertical Panels
2. Live Plants
3. Hardware Accessories
4. Irrigation Accessories

(We have given detailed Descriptions of Items required in FAQ Section on the Last Pages.

Steps for installation

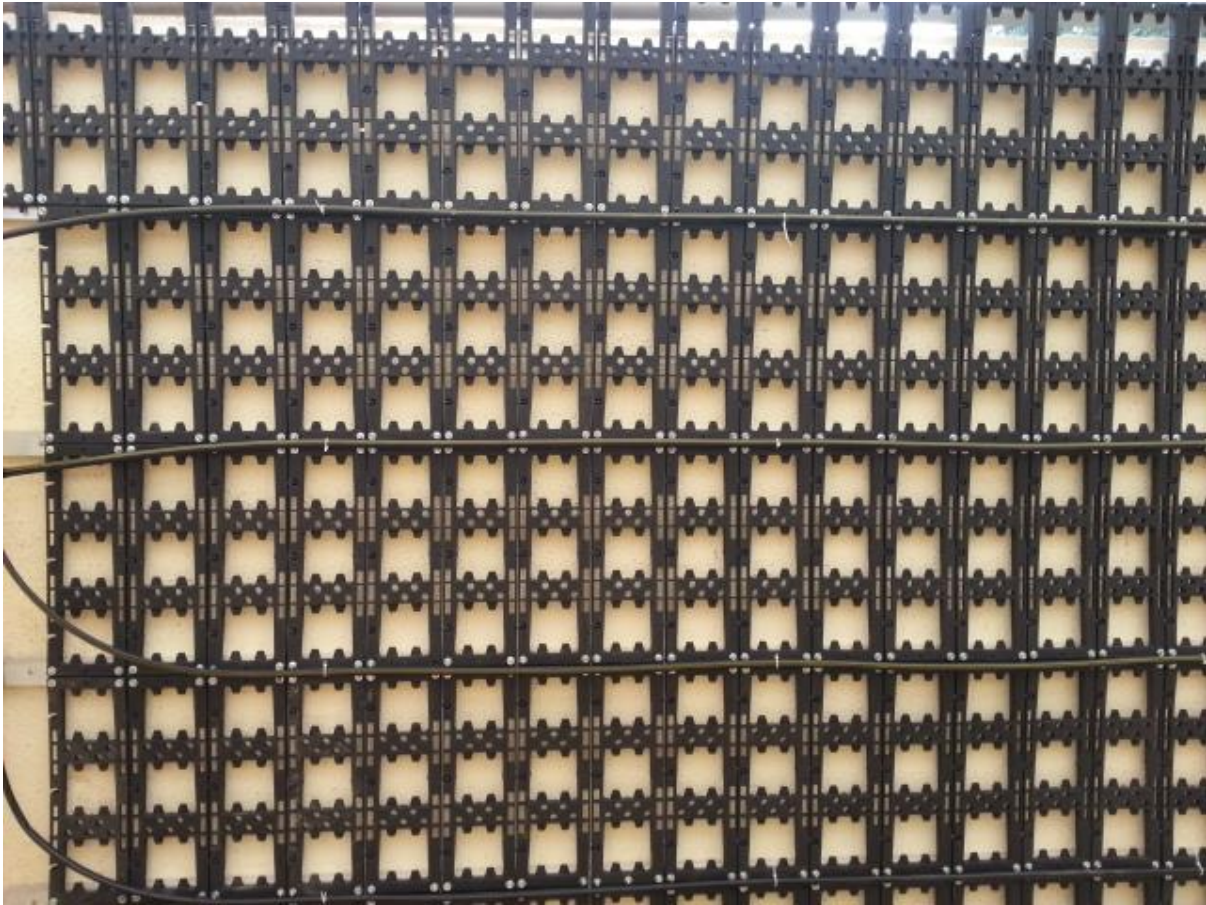
As you know, our system can be installed on a wall or Metal structure

If you are considering installing on a wall Metal structure, it is recommended to have a basic metal framing done using Aluminium profile on the wall.

1. This framing of Aluminium profile creates a Barrier between the wall & the panels .This ensure that your wall will not get damaged due to watering & in addition, this will ensure a less no of holes are drilled on your wall.
2. Once the Aluminium profiling is done on the wall frames are attached to the Aluminium profile with the help of drilling machine and by using self – drilling screws
3. Once the frames are attached, the pots are then attached to the frames by presenting hard on the back portion of the pot & tilting & attaching to the frame.
4. About caps watering –watering to the plants installed in the Greenwall system can be given using a Drip Irrigation or through manual watering using a hose pipe , watering can on spray pump . it is recommended to have a drip Irrigation system if the area is more than 50sq.ft or the Height of the wall is more than 6ft.

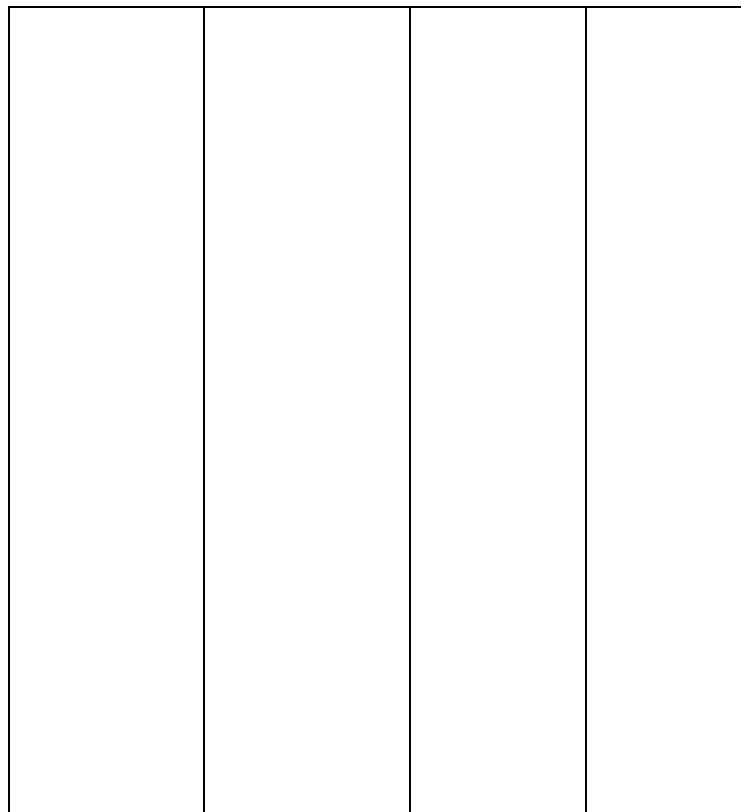
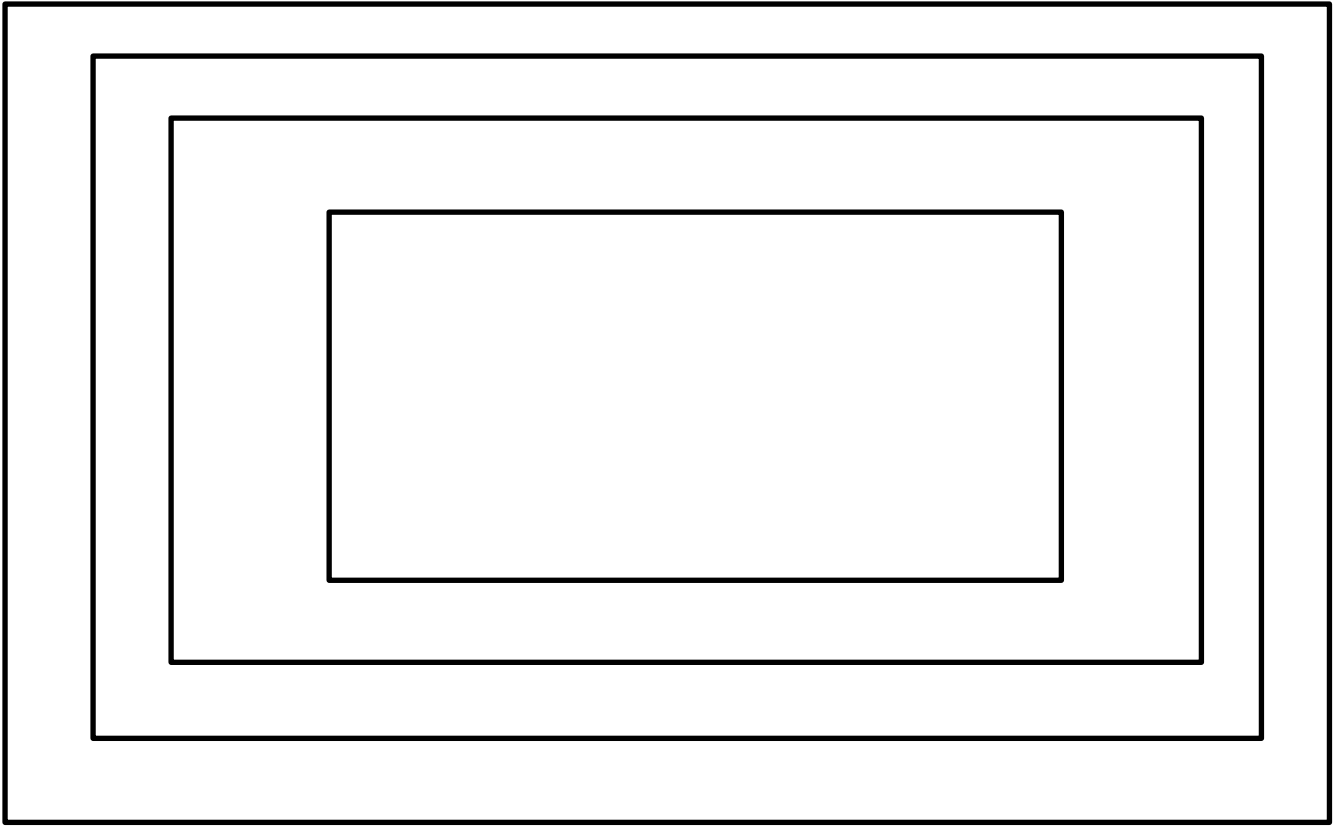
The Pictures Below will give you an Idea of the above Points.







Out of many Designs, Few of the Designs in Which Plants can be arranged.



Selection & installing of plants

1. Plants that do not grow in height of more than 2ft & are available in small polybags /pots can be used for the green wall system. You can use soil /cocopeat while doing plant ties in the pot .It is recommended to use cocopeat due to its light weight structure & Benefits for the plants .

List of plants that can be used for Greenwall.

List of Indoor Plants Used for Vertical Gardening :

1	GOLDEN MONEYPLANT	26	SYENCONIUM NO.9
2	GREEN MONEYPLANT	27	SYENCONIUM NO.10
3	SCINDAPSUS MONEYPLANT	28	SYENCONIUM NO.11
4	MARBLE MONEYPLANT	29	SYENCONIUM NO.12
5	PHILODENDRON CYLON	30	SYENCONIUM NO.13
6	PHILODENDRON ZANADU	31	SCHEFFLERA HICOUR
7	ASPERAGUS MERRI	32	SCHEFFLERA GREEN
8	ASPERAGUS SPRINGIRRI	33	SCHEFFLERA VARIGATED
9	CHLOROPHYTUM VARIGATED	34	ARALIA GOLDEN MINI
10	CHLOROPHYTUM COMOSUM	35	ARALIA GREEN
11	CHLOROPHYTUM VARIGATED	36	ARALIA WHITE
12	OPHIPHOGON VARIGATED	37	ROHEO VARIGATED
13	OPHIPHOGON GREEN	38	ROHEO GREEN
14	DIANELLA	39	ROHEO GOLDEN
15	CRYPTANTHUS RED	40	SONG OF INDIA
16	CRYPTANTHUS CHOCKLATE	41	CRYPTANTHUS RED
17	CRYPTANTHUS PINK	42	CRYPTANTHUS CHOCKLATE
18	SYENCONIUM NO.1	43	CRYPTANTHUS PINK
19	SYENCONIUM NO.2	44	BEGONIA
20	SYENCONIUM NO.3	45	PEPROMIA GREEN
21	SYENCONIUM NO.4	46	PEPROMIA VARIGATED
22	SYENCONIUM NO.5	47	CHRYSOTHEMIS PULCHELLA
23	SYENCONIUM NO.6	48	MARANTA
24	SYENCONIUM NO.7	49	STROMANTHEA
25	SYENCONIUM NO.8		

List of Outdoor Plants Used for Vertical Gardening:

1	ABELIA
2	ALTERNANTHERA GREEN
3	ALTERNANTHERA RED
4	ALTERNANTHERA WHITE
5	ASPERAGUS MERRI
6	ASPERAGUS SPRINGIRRI
7	CURTAIN CREEPER
8	ERISIN REEP
9	ERISN REEP
10	GOLDEN DURANTA
11	HEMIGRAPHIS
12	IPOMIA GOLDEN
13	OPHIPHOGON GREEN
14	OPHIPHOGON VARIGATED
15	PANDA FICUS
16	PILEA MUSCOSA
17	PORTULAKA MIX
18	ROHEO GOLDEN
19	ROHEO GREEN
20	ROHEO VARIGATED
21	SCHEFFELRA GREEN
22	SCHEFFLERA VARIGATED
23	SCRETIA PURPUREA
24	STARLIGHT FICUS
25	STARLIGHT FICUS
26	VERBENA
27	WADELIA
28	PORTULAKA VARIETY

What can you do more??

Leafy Vegetables Like Spinach, Methi , Corriander, Spephu can be easily grown.

Can Grow Herbs like Rosemary, Thyme, etc

You can also create a Beautiful Vertical gardens with the Succulent Plants

Interestingly, you can also try growing Stevia and other small Medicinal Plants

(Can obviously explore a lot more Ideas)

Detailed List of Materials Required for Do It Yourself Vertical Gardens:

You can do the Vertical Gardening Your Self. It's a Very easy to Do Installation .You can Grow Ornamental Plants , Flowering Plants , Cactus and Succulents , Herbs , Vegetables and Lot more The Options are numerous.

Normally People Outsource the Vertical Gardening to Landscape Contractors But if You are Looking to do it economically you also have an Option of Doing it Yourself.

You will just need a Help of Local Carpenter to help you in creating the Metal Structure.

The Material That You will require for Doing your Own Vertical gardens are as follows:

VERTICAL GARDEN PANELS

ALUMINIUM PATTI

SELF DRILL SCREW 1.5"

DRIPPER 4 LPH

16 MM T

16 MM YELBOW

JOINER 16MM

VALVE 16 MM

LATERAL 16 MM

ENDCAP 16 MM

FILTER 16 MM

PLANTS

MEDIA

DRILL MACHINE

CABEL TIE - 200 mm x 4.2 mm (surelock company)

PIPE SMALL CLIP

ALL THE ABOVE MATERIAL REQUIRED FOR DOING YOUR OWN VERTICAL GARDEN AS AVAILABLE WITH Us.

Quick Links and Useful Videos:

How to assemble the Vertical Garden Panels?

https://www.youtube.com/watch?v=HjK_Sy5Q1NY

How the Panels are Fixed on the Walls?

<http://www.sanjaynursery.com/#!vertical-gardens--do-it-yourself-/c6af>

Plants Used for vertical Gardening , Photos Given :

<http://www.sanjaynursery.com/#!vertical-gardens--do-it-yourself-/c6af>

Installation of Drip Irrigation System for Vertical Gardens:

<https://www.youtube.com/watch?v=hBJBK0BI-GQ>

To View Some Photos of Successful Installations:

<http://www.sanjaynursery.com/#!vertical-gardens--do-it-yourself-/c6af>

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