VISTAGREEN
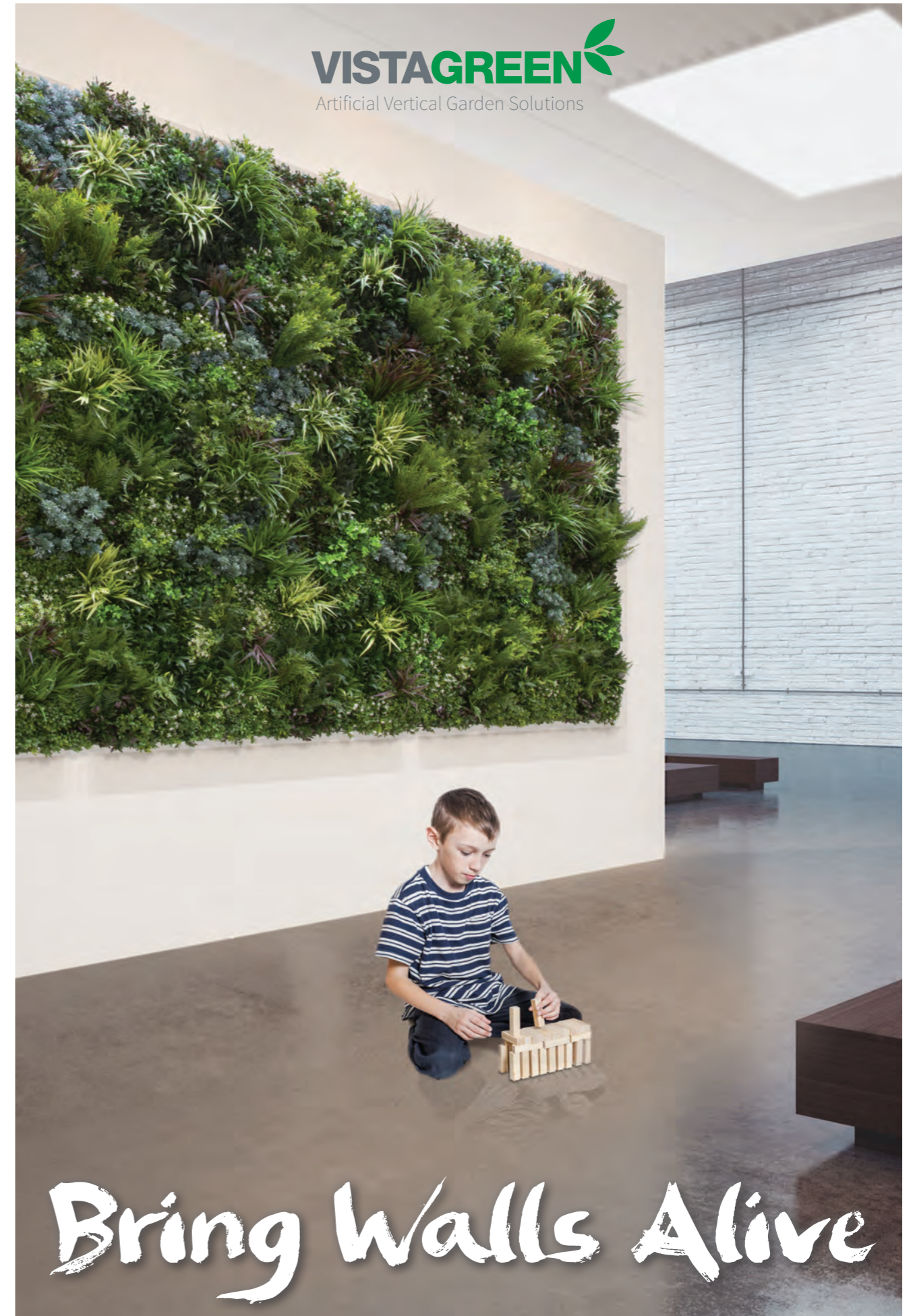
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VISTAGREEN.com
Artificial Vertical Garden Solutions

VISTAGREEN
Artificial Vertical Garden Solutions

Bring Walls Alive

TECHNICAL & INSTALLATION GUIDE

Contents

VISTAGREEN'S FOLIAGE IS DESIGNED TO CREATE A TOTALLY NATURAL LOOK

VISTAGREEN
Artificial Vertical Green Walls

DESIGNED TO BE DIFFERENT

"As a garden designer and horticulturalist with 25 years experience of building gardens for prestige commercial and residential projects, I realised that there was a demand for a flexible system that created the look of beautiful vertical green-wall planting without the hassle of using real plants that require natural light or ongoing maintenance.

'We approached the challenge to create a product that is not only as good as a natural wall, but better. Developing our unique system has ensured that Vistagreen is the number one artificial vertical garden solution.

'Our easy-to-fit panels have been designed to give a totally random effect that mimics the look of natural foliage, but requires minimal maintenance. To customise the look, we also offer Colour Boxes that allow you to dress walls with individual plants to create stunning visual effects, giving you absolute creative freedom. Our flexible system means that every wall you create can be as individual as your imagination…"

After studying decorative horticulture, multiple award-winner Paul Alder has worked in horticulture and garden design for 25 years, beginning his career with the Royal Parks at Kensington Gardens and Regents Park.

Paul started his own garden-design business at the age of 24, and won his first National award in 1993 - the British Association of Landscape Industries (BALI) Overall Design and Build award. He has gone on to win multiple Gold, Silver Gilt and Silver Awards at Chelsea Flower Show and Hampton Court Flower Show, and as well as further awards from the Association of Professional Landscapers (APL) and BALI.

Through his horticultural and landscape career, he has undertaken numerous private commissions for celebrity clients and prestige projects throughout the UK and abroad.

"Vistagreen is the product designers have been demanding to be able to create a beautiful natural look in any environment."

ABOUT VISTAGREEN

Vistagreen is the perfect green wall solution for for architects and landscape designers seeking to create the look of beautiful vertical green wall planting in any commercial or residential project - but without the hassle of real plants requiring natural light or ongoing maintenance.

Designed to perfectly mimic natural planting by an award-wining horticulturist with 25 years experience of building gardens for prestige clients.

Ultra-realistic look

Elegant foliage and flowers designed to mirror how real plants grow together

Easy to fit

Supplied in manageable easy to - fit 80cm x 80cm

Versatile & robust

Perfect practical solution for residential or commercial projects

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Why Specify Vistagreen?

The Vistagreen system has been rigorously tested and installed in a wide variety of challenging environments, both internal and external. It is quick and easy to install, and requires no maintenance.

HIGHEST STANDARDS & PERFORMANCE

- Best green wall solution available
- Most realistic plants in the market
- Truly unique designs
- Easily customised to any style
- Hassle free & easy install
- Instant feature wall – all year round
- Suitable for all environments
- Lightweight system
- Allows free flow of air
- No maintenance
- Affordable

TRIED & TESTED

- Three-panel solution
- Supplied as 80cm x 80cm panels
- 6.5kg per panel
- Faster installation
- Gold standard in artificial green walls
- Fire test certification BS EN ISO 13501-1:2007+A1:2009
- UV tested ISO standard foliage
- 5-years warranty
- Fire-retardant options
- Wind tested
- Freeze tested
- Stress tested

VISTAGREEN
Artificial Vertical Green Walls

PANEL STYLES. . .
Coverage Guide

The key component of Vistagreen's unique artificial wall solution is the Signature Panel, which is used to create the basic vertical garden. It can be further customised if desired with add-on Colour Boxes to create personalised effects.

UNIQUE 3-PANEL SYSTEM

Vistagreen is supplied in packs of three subtly different panels that combine together to minimise the appearance of repitition and create a completely natural look.

- Each panel measures 80cm x 80cm
- Each basic pack contains 3 Signature Panels (1xA, 1xB and 1xC)
- One pack provides 1.92m of coverage (so if, for example, you have a 2.4m x 2.4m area, you will require three boxes).
- The panels can be cut to fit bespoke areas (NB it is always best to try and avoid cutting to save time).

Signature Panel

Side profile

Each Signature Panel has been carefully designed to mimic the growing patters and movement of natural foliage and to prevent any visible repetition in planting.

Get a natural, seamless look

The Vistagreen solution uses a unique three-panel system to create a totally natural look without repetition or visible joins. Each Signature Panel pack comes with three panels (A, B and C) that combine for a seamless effect, as below.
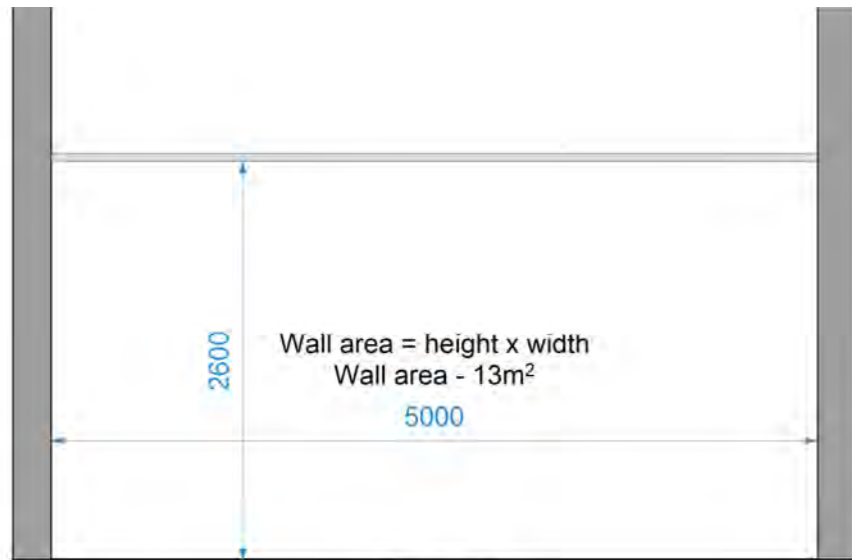
Panels A, B and C combination

Personalise with Colour Boxes

Colour Box packs contains individual plants that can be tucked into the basic panels to customise the look. In addition, the beautiful Vistagreen Signature Panel can be enhanced with the purchase of Colour Boxes.

◀ Soft Lavender Colour Box

Delcate White Colour Box ▶

◀ Lush Green Colour Box

HOW TO MEASURE

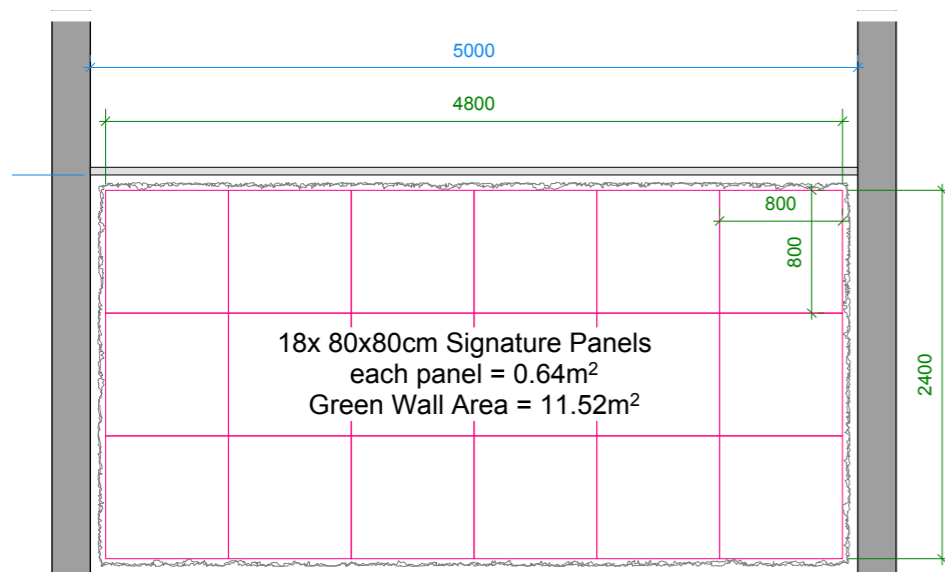
Wall area = height x width
Wall area - 13m²

Wall Example

2600
5000

Vistagreen is supplied in packs of three panels which combine together to create a completely natural and non-repeating look. Each basic pack contains three 80cm x 80xm panels.
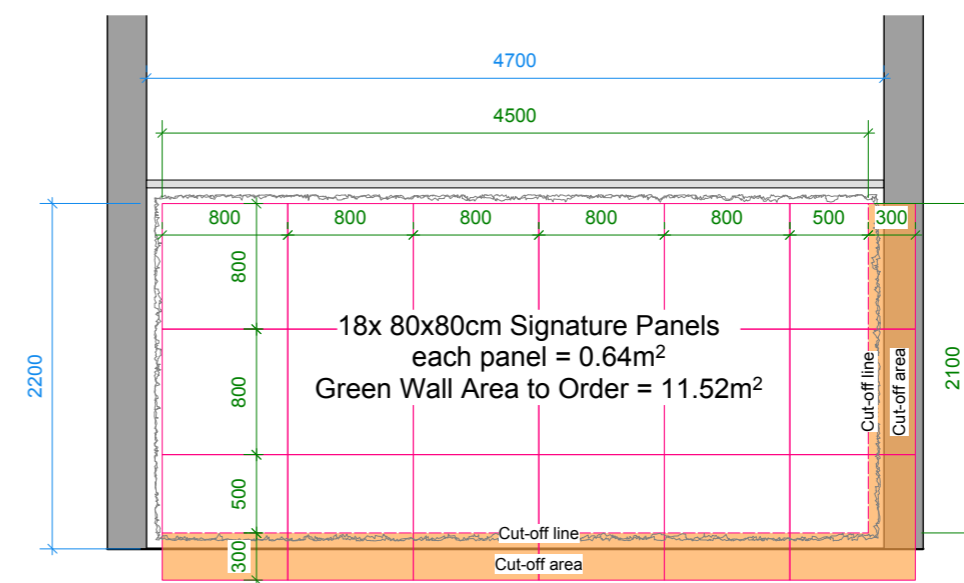
To measure up, follow these steps.

1. MEASURE THE WALL -

Height and width.

5000
4800
800
800
2400

18x 80x80cm Signature Panels
each panel = 0.64m²
Green Wall Area = 11.52m²

Wall Example

2. COUNT THE PANELS.
Count the number of complete panels that you will need. You may need to estimate for any extra panels to fill to the edge of your space. For how to measure for cut-off panels, see guide right.
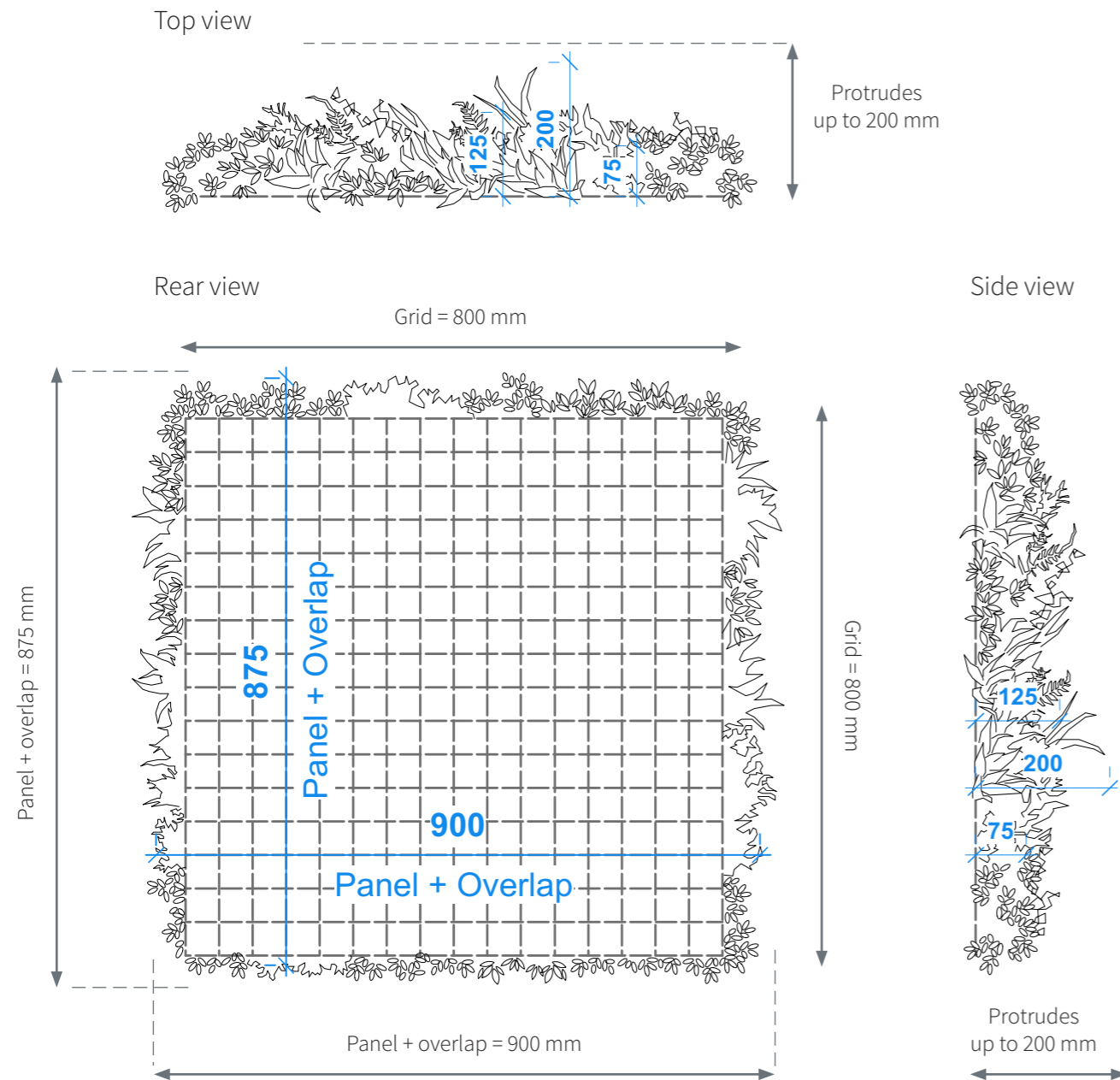
HOW TO MEASURE FOR CUT - OFFS

4700
4500
2200
800
800
800
800
800
800
500
300
800
800
500
300
Cut-off line
Cut-off area
2100
Cut-off line
Cut-off area

18x 80x80cm Signature Panels
each panel = 0.64m²
Green Wall Area to Order = 11.52m²

Wall Example

3. ESTIMATE CUT PANELS
If panels will not fit your space exactly, allow for extra panels which can be cut to size using this guide.

PANEL PROFILE

Top view

Protrudes
up to 200 mm

125 · 200 · 75

Rear view

Grid = 800 mm

875
Panel + Overlap

900
Panel + Overlap

Panel + overlap = 875 mm

Grid = 800 mm

Panel + overlap = 900 mm
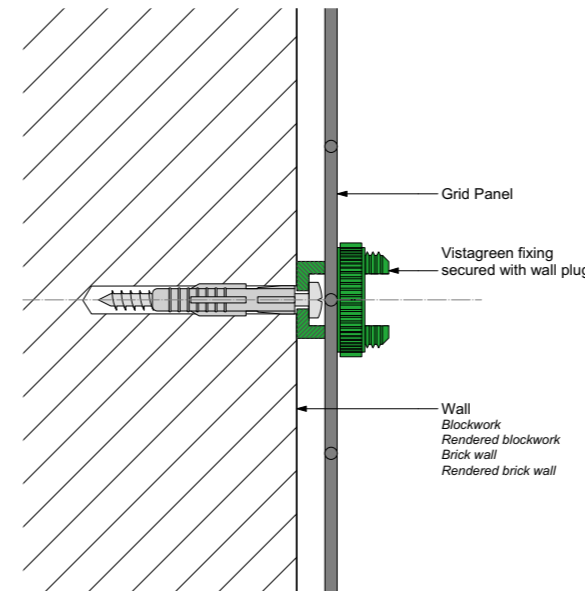
Side view

125
200
75

Protrudes
up to 200 mm

The Vistagreen Signature Panel was designed with an allocation of a small 'planting overlap' to allow for a seamless installation of multiple panels.
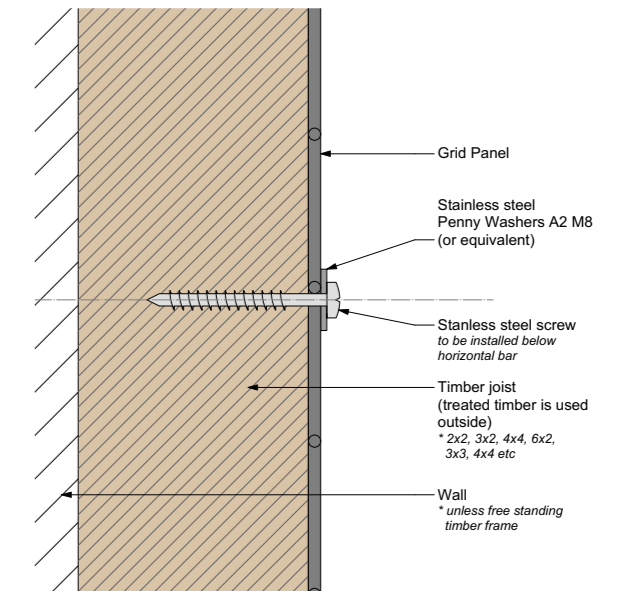
The top overlap is slightly greater than the bottom overlap, whereas the side overlaps are the same. The overlap also serves to disguise the grid which holds the plants.

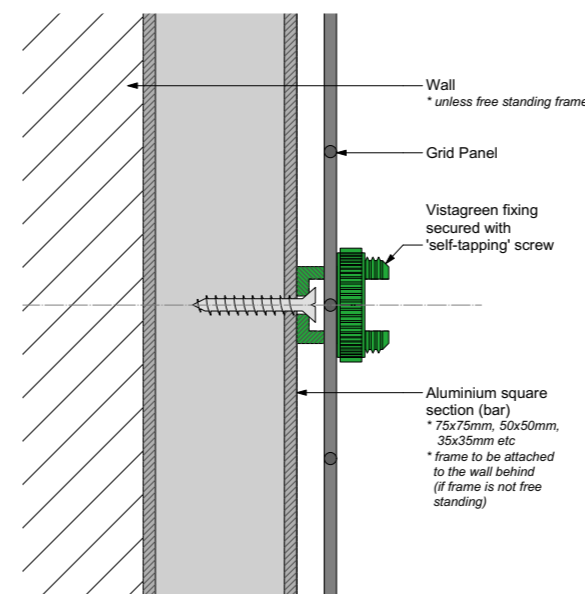The plants protrude up to 200mm measured from the grid.
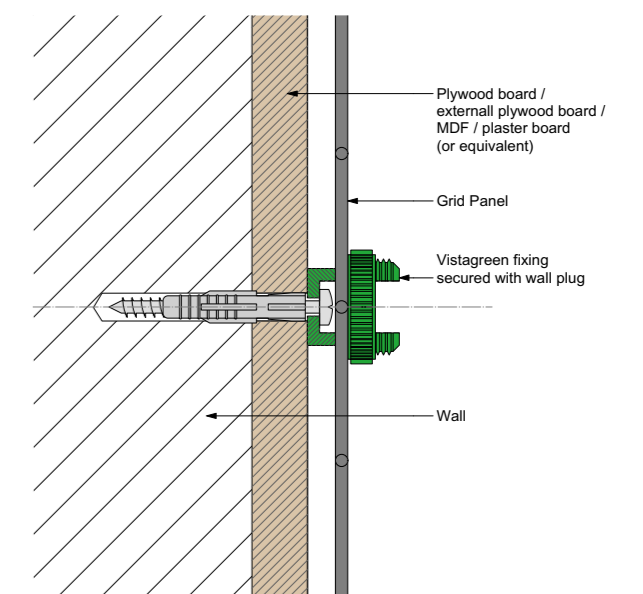
INSTALLATION METHODS

Grid Panel

Vistagreen fixing
secured with wall plug

Wall
Blockwork
Rendered blockwork
Brick wall
Rendered brick wall

Method 1: Brick/block wall using Vistagreen fixing.

Grid Panel

Stainless steel
Penny Washers A2 M8
(or equivalent)

Stanless steel screw
to be installed below
horizontal bar

Timber joist
(treated timber is used
outside)
* 2x2, 3x2, 4x4, 6x2,
3x3, 4x4 etc

Wall
* unless free standing
timber frame

Method 2: Timber frame using screw and washer.

Wall
* unless free standing frame

Grid Panel

Vistagreen fixing
secured with
'self-tapping' screw

Aluminium square
section (bar)
* 75x75mm, 50x50mm,
35x35mm etc
* frame to be attached
to the wall behind
(if frame is not free
standing)

Method 3: Aluminium (metal) bar.

Plywood board /
externall plywood board /
MDF / plaster board
(or equivalent)

Grid Panel

Vistagreen fixing
secured with wall plug

Wall

Method 4: Plywood board /MDF /plasterboard.

6 STEP INSTALLATION
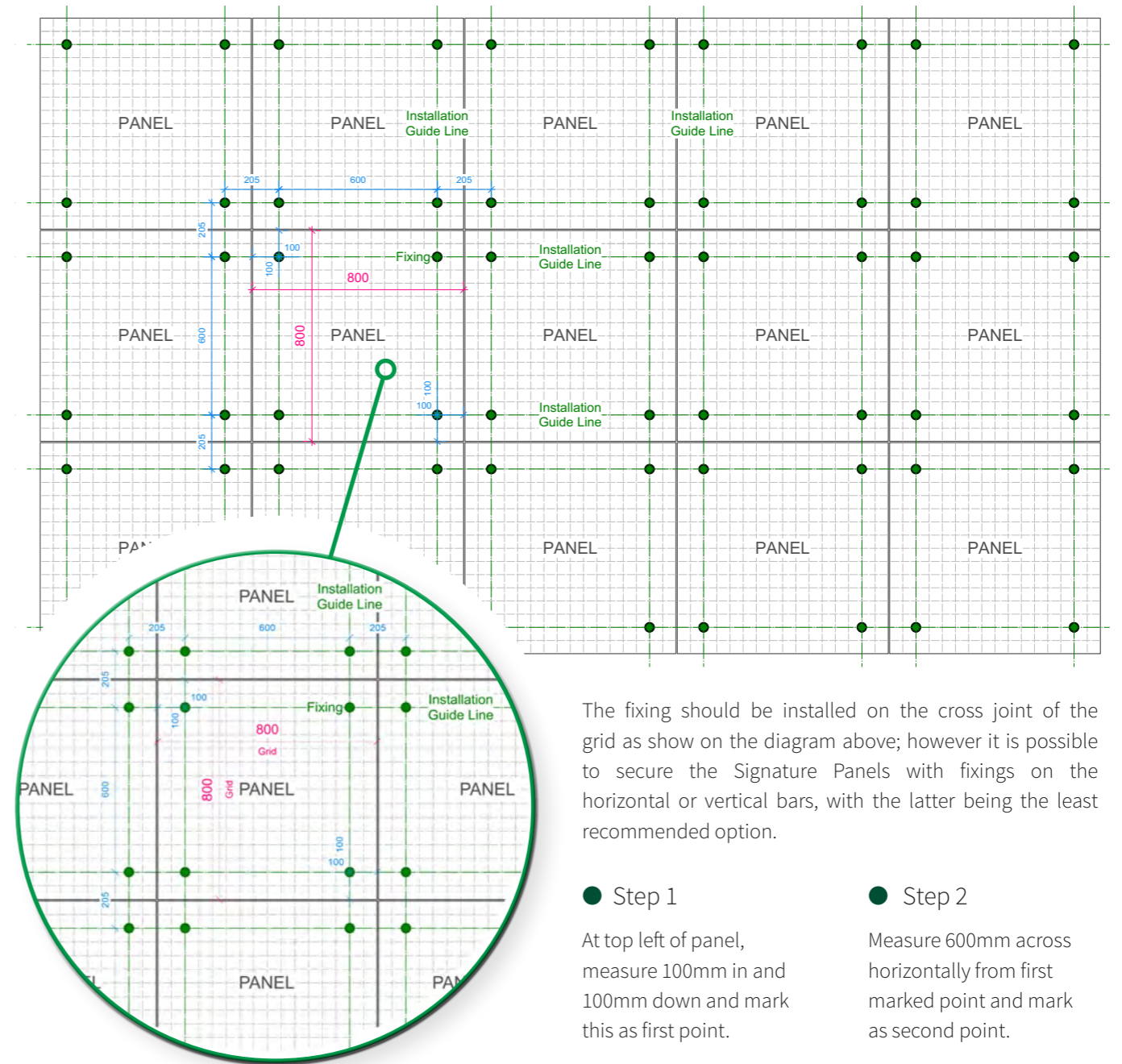

Step 1

Step 2

Step 3

Step 4

Step 5

Step 6

FIXING LAYOUT

The fixing should be installed on the cross joint of the grid as show on the diagram above; however it is possible to secure the Signature Panels with fixings on the horizontal or vertical bars, with the latter being the least recommended option.

● **Step 1**

At top left of panel, measure 100mm in and 100mm down and mark this as first point.

● **Step 2**

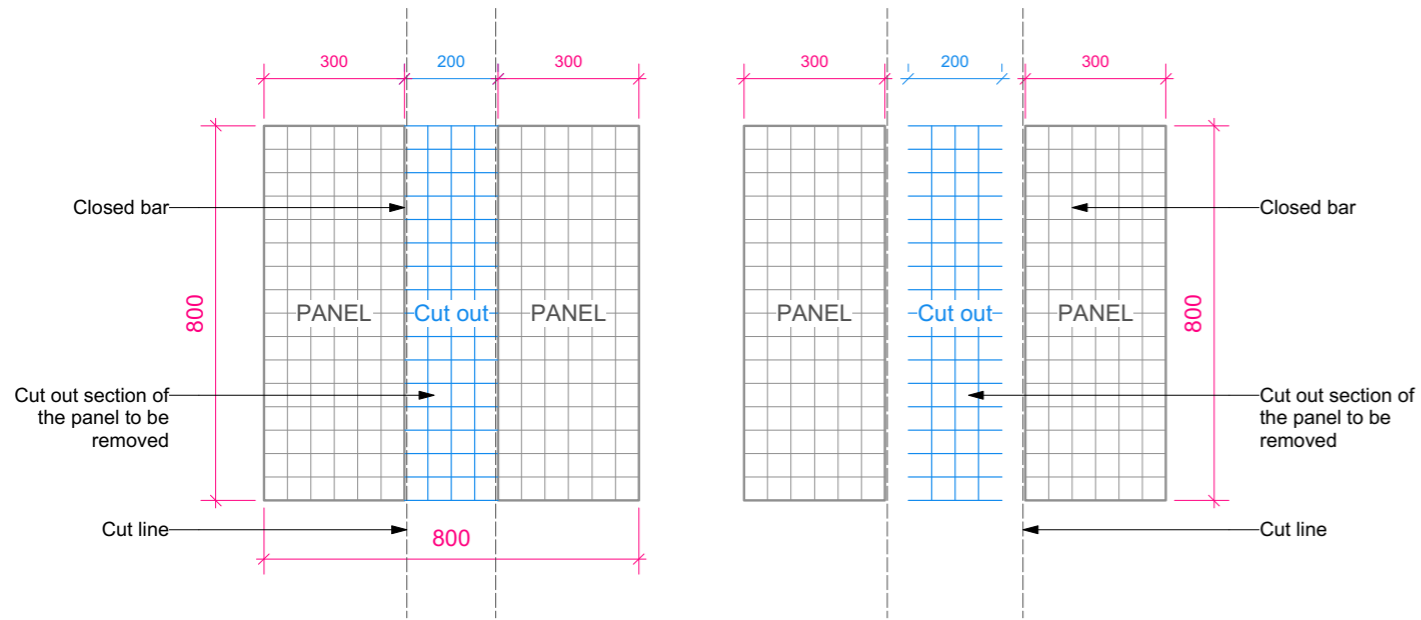Measure 600mm across horizontally from first marked point and mark as second point.

● **Step 3**

Measure 600mm down vertically from first marked point and mark as third point.

● **Step 4**

Measure 600mm across from third point and mark as fourth point.

● **Step 5**

Measure 205mm from point 2 and 4 , which become points 1 and 3 of second panel. This process can then be continued throughout installation.

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Artificial Vertical Green Walls

HOW TO CUT THE GRID

Closed bar

Cut out section of
the panel to be
removed

Cut line

300	200	300
800		
PANEL	Cut out	PANEL
800		

300	200	300
PANEL	Cut out	PANEL
800		

Closed bar
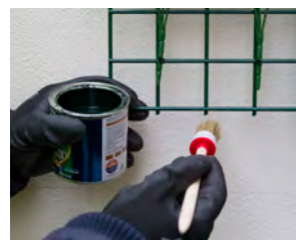
Cut out section of
the panel to be
removed

Cut line

Step 1
Measure carefully and mark
the area to be trimmed.

Step2
Clip off the excess as close as
possible to a grid section and
separate the parts.

Step 3
File the grid after cutting.

Step 4
Protect cut points with
metal paint.

Step 5
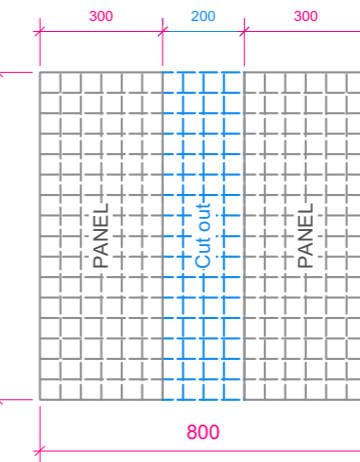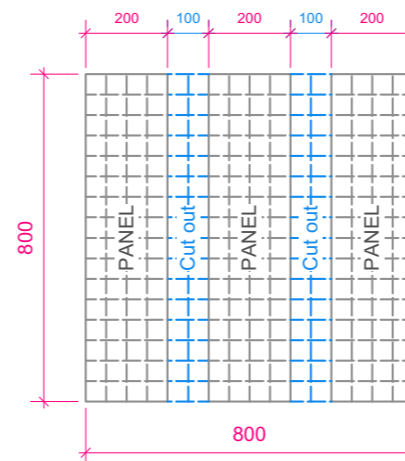Re-attach loose from the
vertical off-cuts with
cable ties.

Step 6
Re-adjust any plants on the
cut parts and fill in all the
gaps with loose foliage in
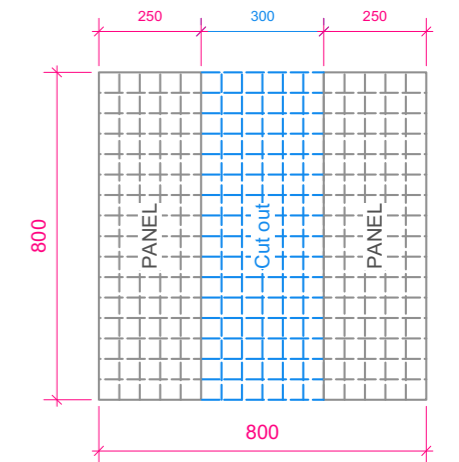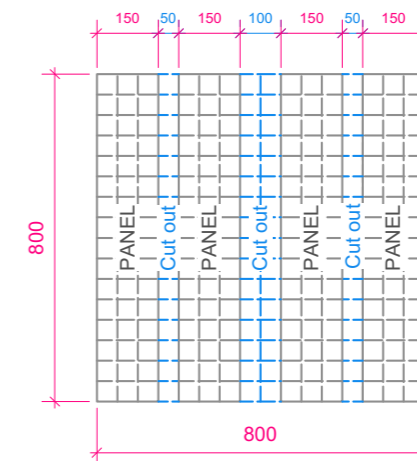the horizontal cuts.

Vertical Cutting
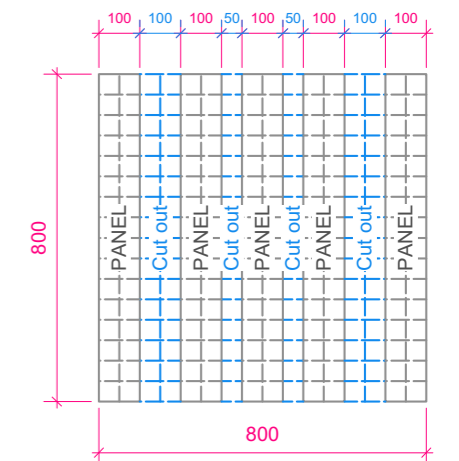
2 sections from one panel
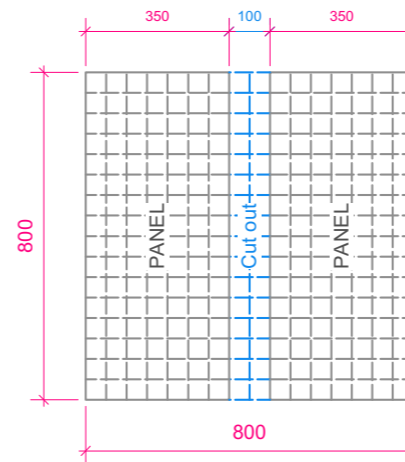
350	100	350
800	PANEL / Cut out / PANEL	800
800		

300	200	300
800	PANEL / Cut out / PANEL	
800		

250	300	250
800	PANEL / Cut out / PANEL	
800		

3 sections from one panel

200	100	200	100	200
800	PANEL Cut out PANEL Cut out PANEL			
800				

4 sections from one panel

150	50	150	100	150	50	150
800	PANEL Cut out PANEL Cut out PANEL Cut out PANEL					
800						

5 sections from one panel

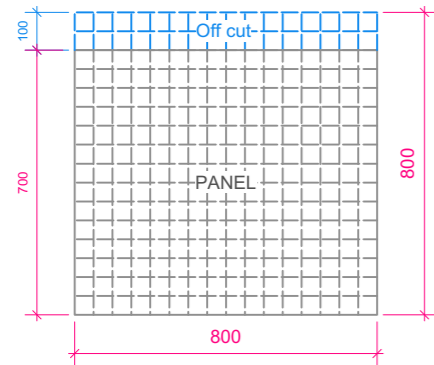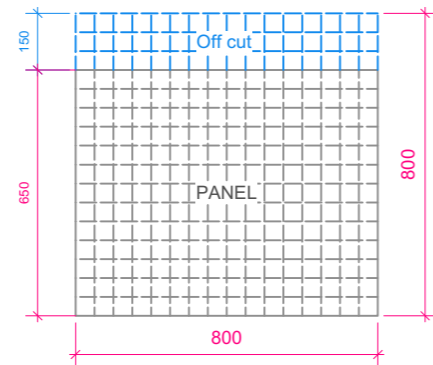| 100 | 100 | 100 | 50 | 100 | 50 | 100 | 100 | 100 |
| 800 | PANEL Cut out Cut out PANEL Cut out Cut out PANEL | | | | | | | |
| 800 | | | | | | | | |

Cutting tips

Pro Tips

1. All cut panels to finish on a **closed bar** so the plants don't slip off.

2. Spare foliage from the cut off parts to be re-attached to the rest of the green wall where required.

3. Plastic ties to be removed from the off cut parts of the panels.

4. Vertical cuts are easier to make than horizontal cuts.

5. Horizontal cuts to be started from the top of the panels (unless otherwise required).
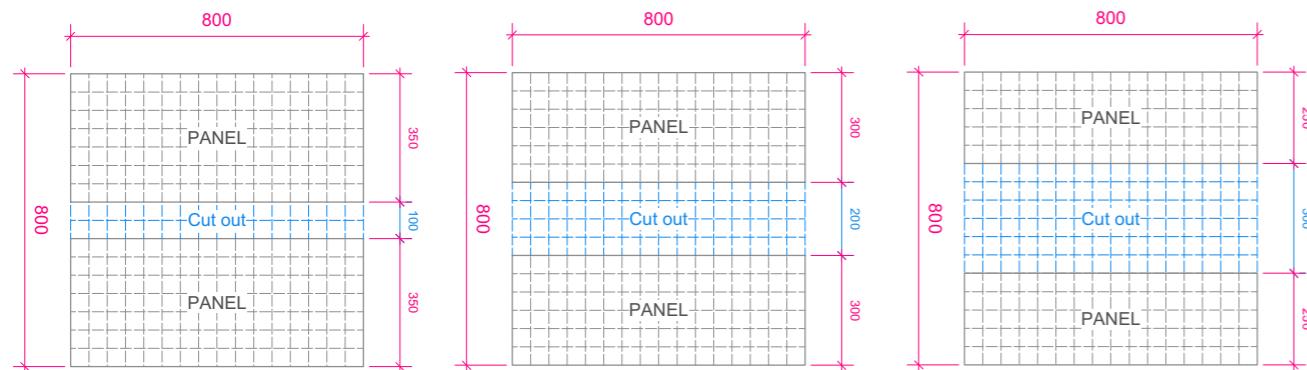
6. Always cut from the inside out.

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HORIZONAL CUTTING

1 x 100mm end off-cut

100 · Off cut
700 · PANEL · 800
800

1 x 150mm end off-cut

150 · Off cut
650 · PANEL · 800
800

2 x sections from 1 x panel

800
800 · PANEL · 350
· Cut out · 100
· PANEL · 350

800
800 · PANEL · 300
· Cut out · 200
· PANEL · 300

800
800 · PANEL · 250
· Cut out · 300
· PANEL · 250
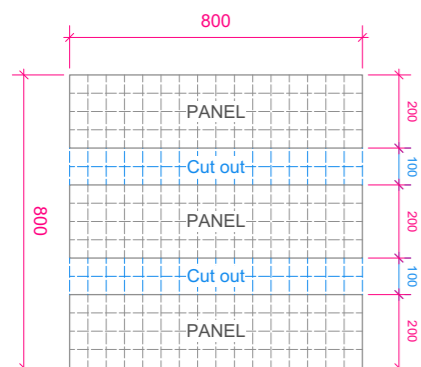
3 x sections from 1 x panel   4 x sections from 1 x panel   5 x sections from 1 x panel

800
800 · PANEL · 200
· Cut out · 100
· PANEL · 200
· Cut out · 100
· PANEL · 200

800
800 · PANEL · 150
· Cut out · 50
· PANEL · 150
· Cut out · 100
· PANEL · 150
· Cut out · 50
· PANEL · 150

800
800 · PANEL · 100
· Cut out · 100
· PANEL · 50
· Cut out · 100
· PANEL · 50
· Cut out · 100
· PANEL · 100
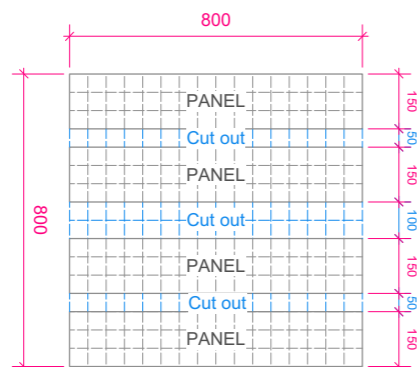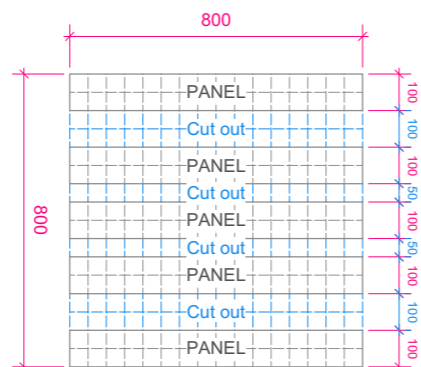
The Vistagreen fixing system

The Vistagreen fixing system has been specifically designed to securely hold Signature Panels in the optimum position and to give the best result in a wide variety of applications.

Vistagreen Fixings:

- Can be attached to most surfaces simply and quickly using standard tools.

- Create a gap between the Panel and the mounted surface to allow a free flow of air.

- Enable Panels to be removed and remounted easily to allow for cleaning and maintenance.

- Are available in two convenient packs containing either 12 or 120 fixings. Each Signature Panel requires a minimum of 4 fixings.