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SoftenUp™
Ceiling System

Product Detail

Application	Ceiling
Composition	100% polyester
Material	FilaSorb™
Recycled content	60% min
Weight	7.92kg/m^2 +/- 10%
Thickness	12mm +/- 10%
Dimensions	600 x 600mm
	600 x 1200mm

Technical Data

Fire test method	EN 13501-1: 2019
Classification	B-s1, d0
Water vapour sorption method	ASTM C1104-2019 (Procedure A Modified)
Water sorbed by weight	0.20% (results based on a 12mm thick panel)
Total VOC test method	SCS-EC10.3-2014 v4.0 meeting standard CDPH/EHLB Standard Method v.1.2-2017
Total VOC result	≤ 0.5mg/m^3
Colourfastness test method	ISO 105-B02
Rating	6-7

Acoustic Performance

Test method

AS ISO 354-2006: Acoustic - Measurement of sound absorption in a reverberation room
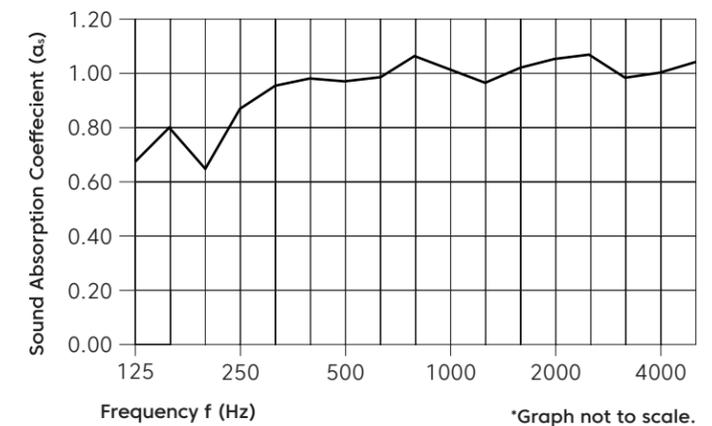
Installation method

Type "E-400" Mounting, tested with 400mm air gap

Rating method

ISO 11654-1997: Acoustic – sound absorbers for use in buildings – rating of sound absorption

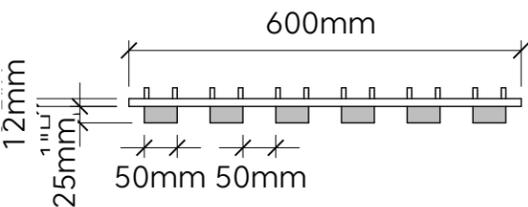## Test results

NRC 0.95 400mm air gap | aw 0.96, Class A

Sound Absorption Coefficient (α₅) vs Frequency f (Hz)

*Graph not to scale.

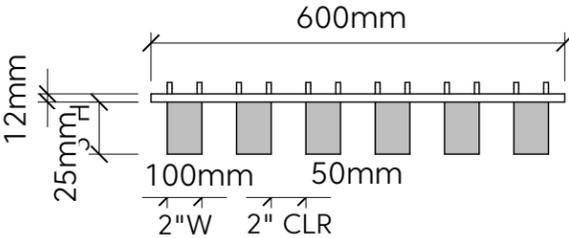| Frequency (Hz)	125	250	500	1000	2000	4000	**NRC**
12mm α₅	0.67	0.86	0.96	1.02	1.04	1.00	**0.95**

Performance Indices: **Noise Reduction Coefficient (NRC)** results represent the absorption coefficients measured at the one third octaves bands at 125, 250, 500, 1000, 2000 and 4000 Hz rounded to the nearest 0.05. Acoustic testing has been performed according to the methods mentioned above. Customisation of installation of the product could alter the results. **Sound Absorption Average (SAA)** indicates the absorption coefficient average for the twelve one-third octave bands ranging between 200 and 2500 Hz
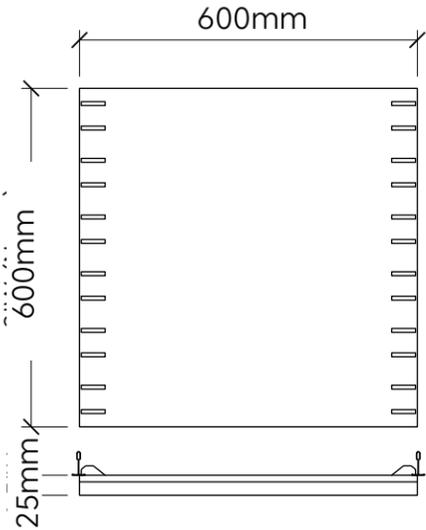
Sustainability

Made from 60% min. recycled content

Total VOC's less than 0.5 mg/m^3 (3rd Party Verified)

Generated using 40% solar energy

Recyclable at end-of-life

Declare Approved (3PV) for FIlaSorb Printed Panels

Indoor Advantage Gold Certified.

Guarantees

Lead time	4-6 weeks
Origin	United Kingdom
Warranty against defects	20 years*
Colourfastness warranty	20 years*

*conditions apply

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Plateau Slat Profile

50 x 25mm

600mm

12mm

25mm

50mm 50mm

100 x 25mm

600mm

12mm

25mm

100mm 50mm

2"W 2" CLR

Backer Panel Size

600 x 600mm

600mm

600mm

25mm

600 x 1200mm

1200mm

600mm

25mm

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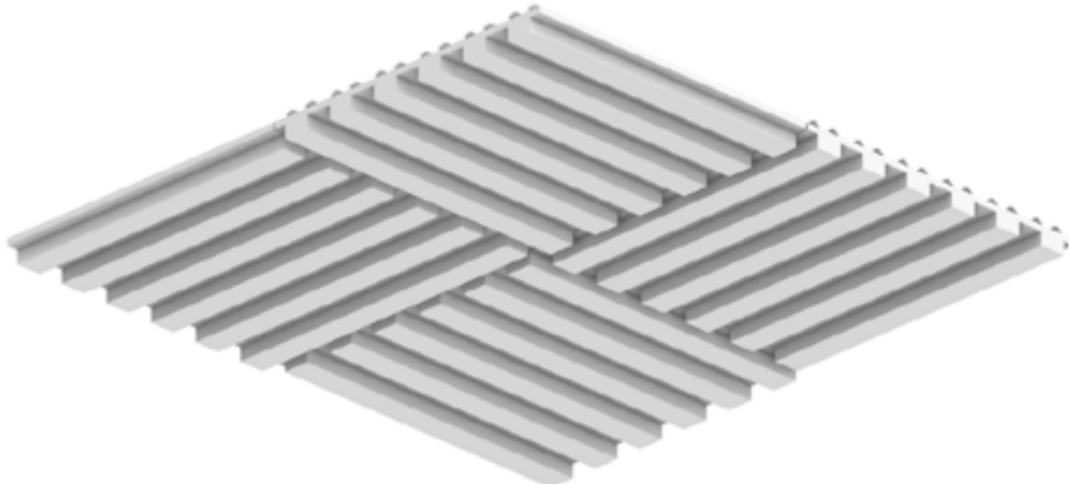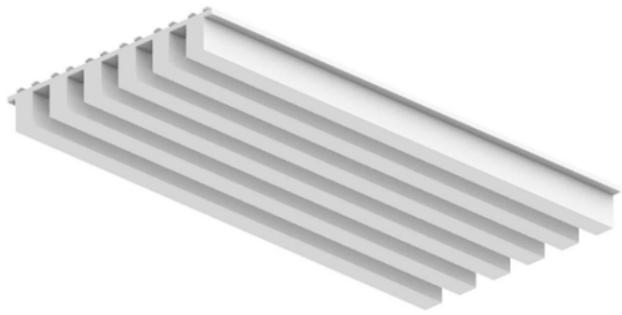
Plateau Recommended Layouts

Layout 1

Layout 2

Layout 3

Layout 4

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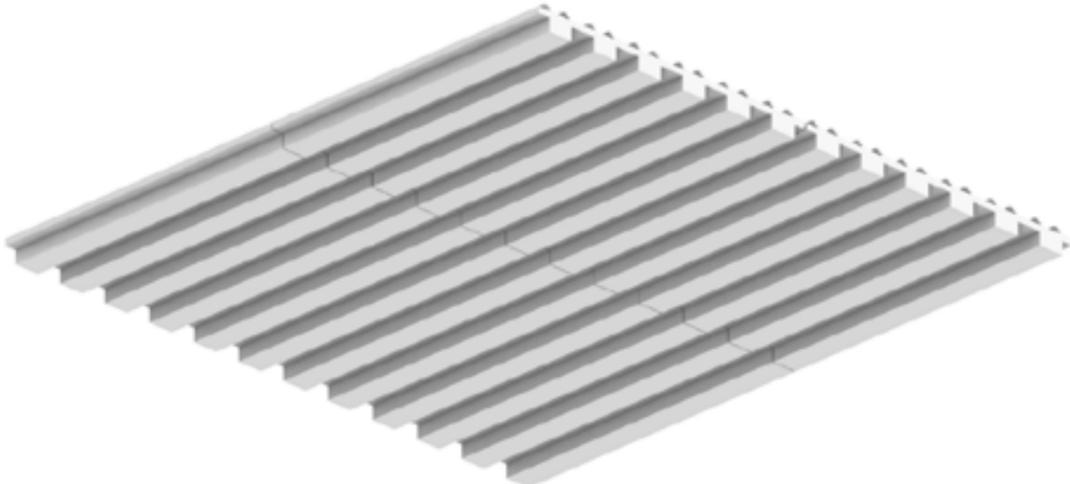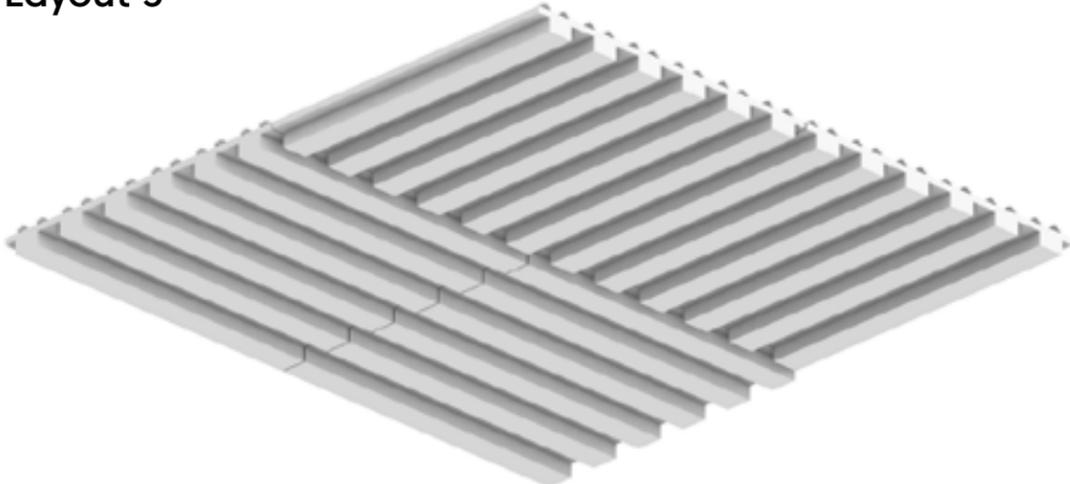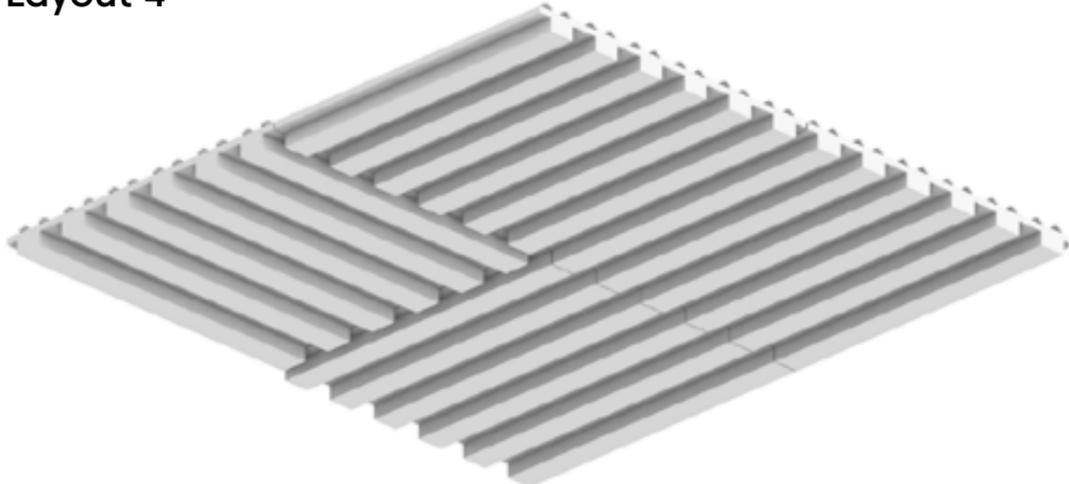
Ridge Slat Profile

50 x 75mm
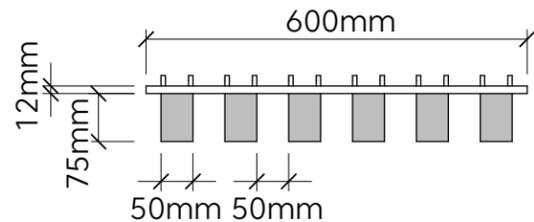
100 x 75mm
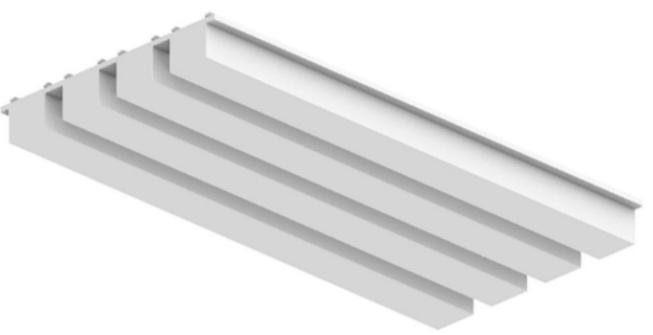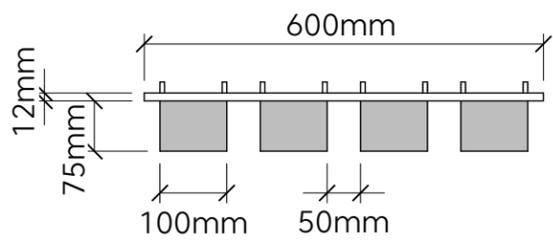
Backer Panel Size

600 x 600mm

600 x 1200mm

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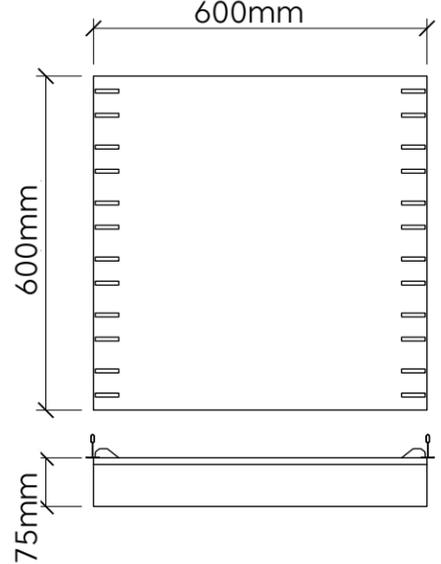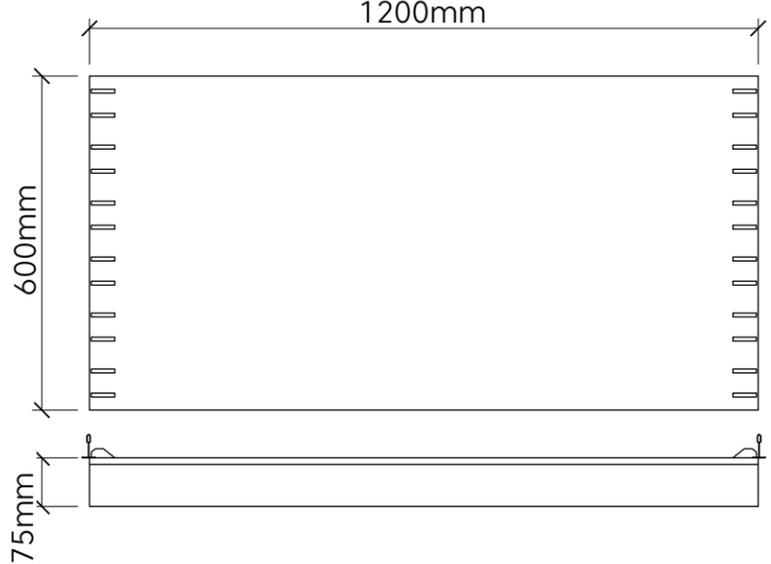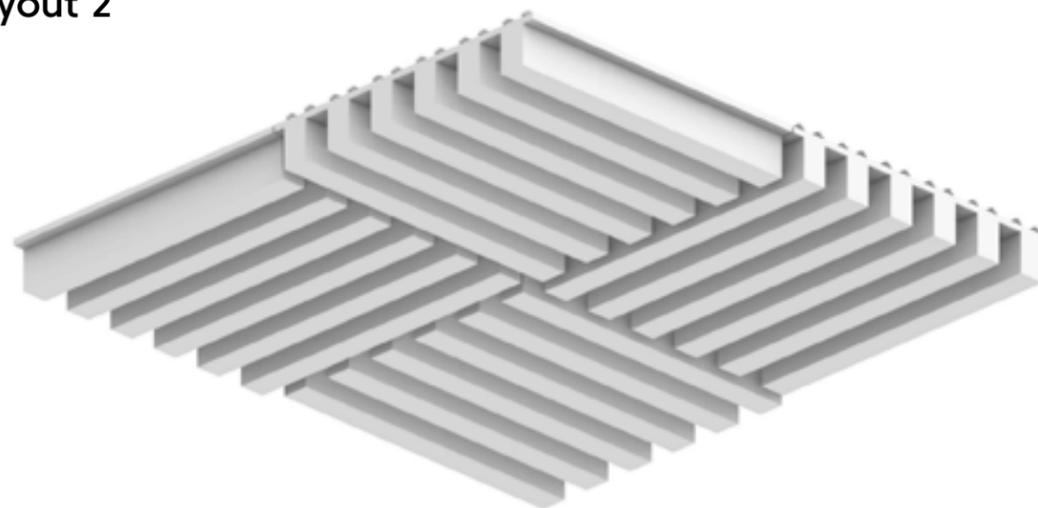
Ridge Recommended Layouts

Layout 1

Layout 2

Layout 3

Layout 4

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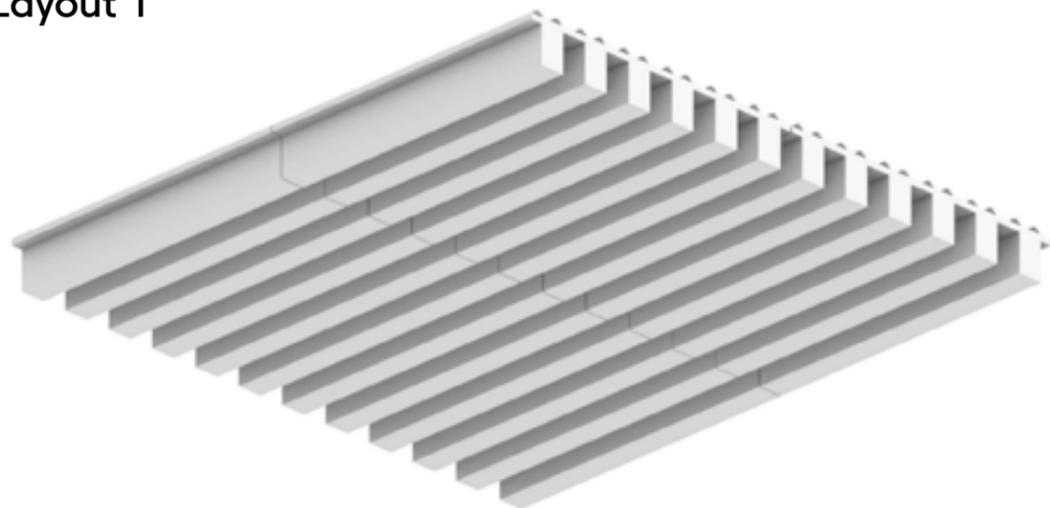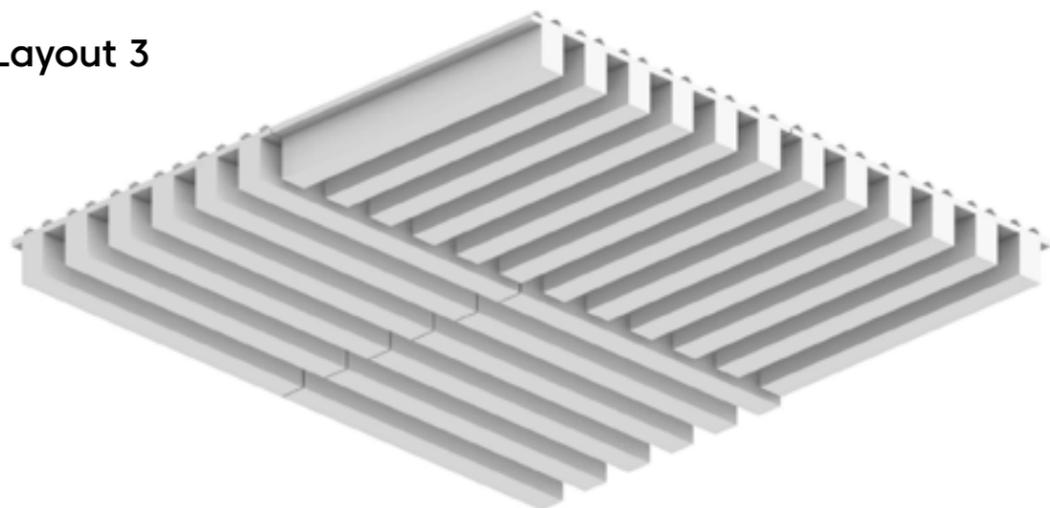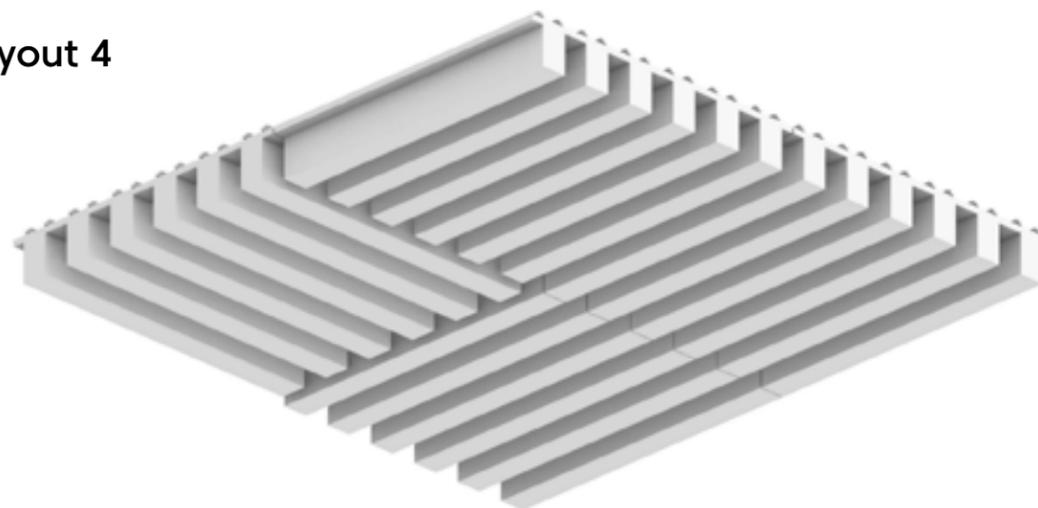
Foothill Slat Profile

50 x 75mm
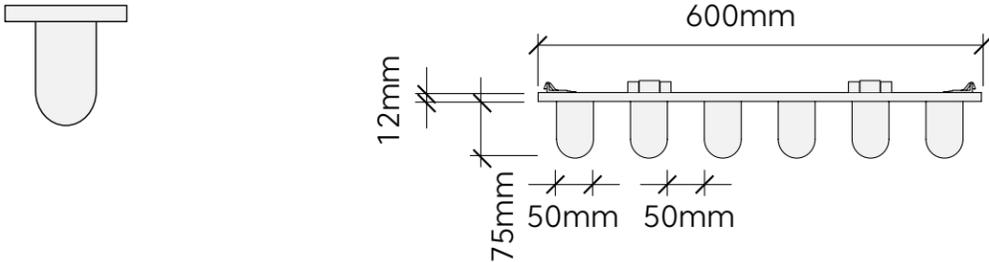
600mm

12mm

75mm

50mm   50mm

Backer Panel →

Slats →

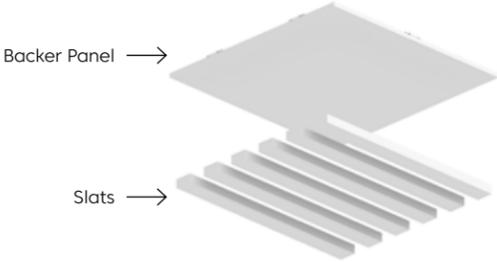Select one colorway for
your backer panel and slat

Backer Panel Size

600 x 600mm

600mm

600mm

75mm

600 x 1200mm

1200mm

600mm

75mm

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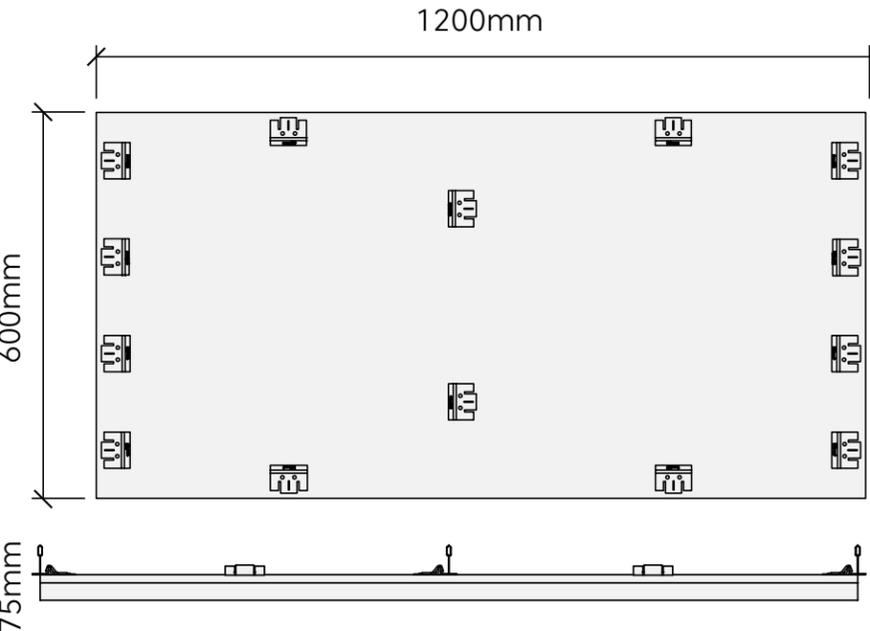
Foothill Recommended Layouts
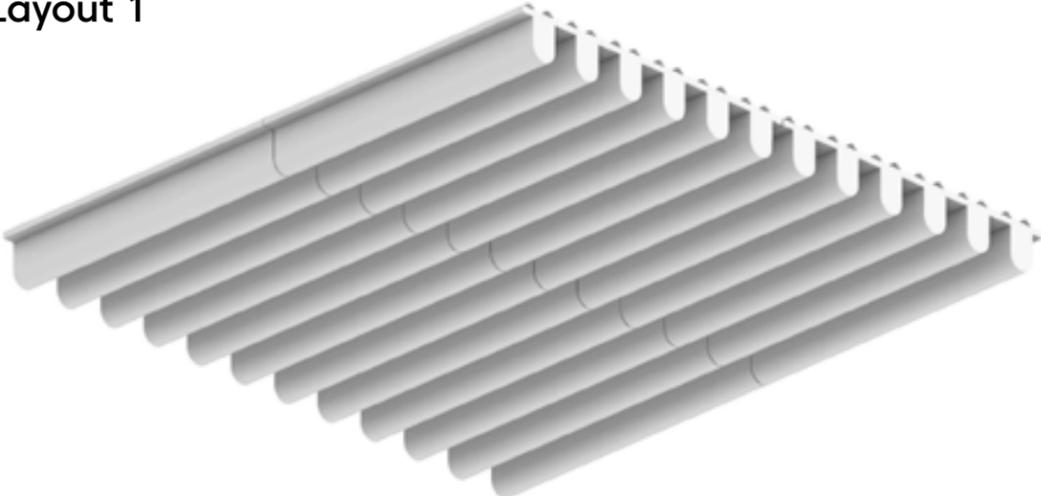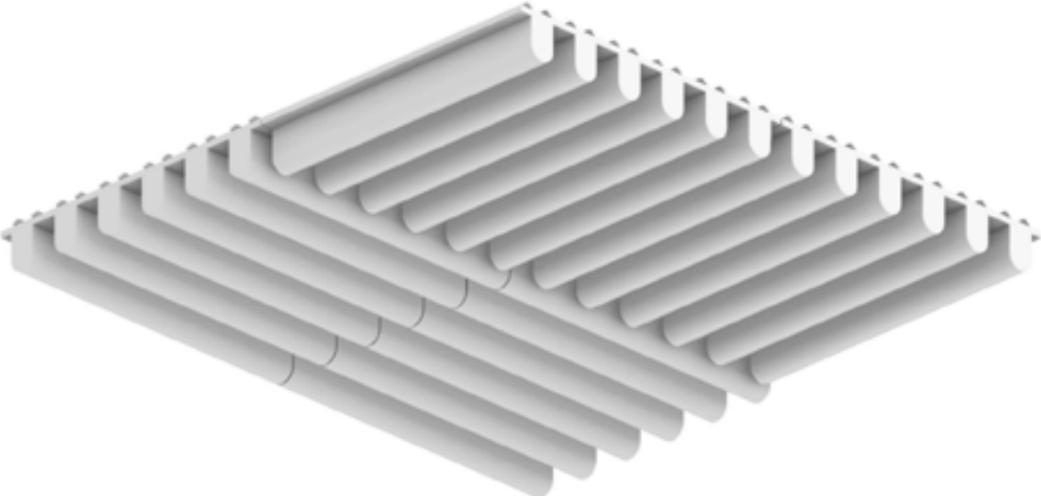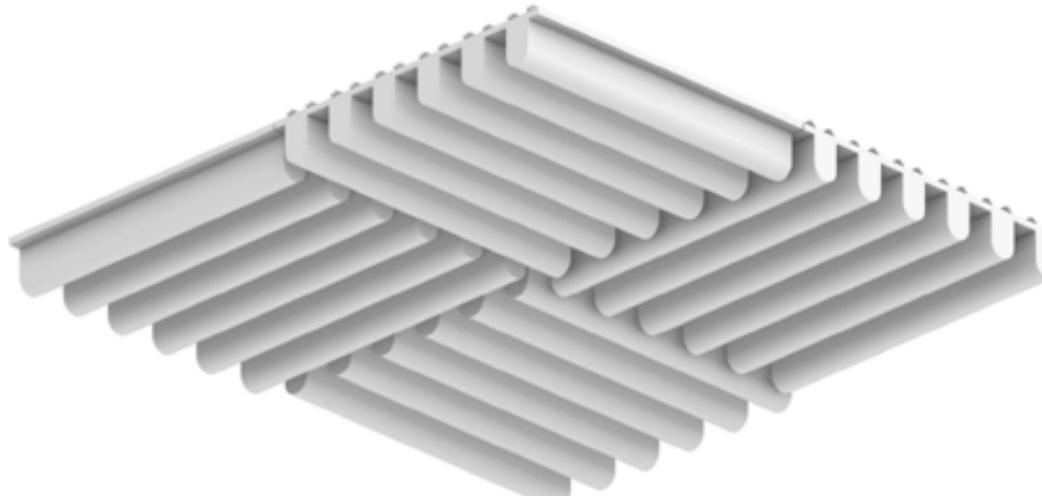
Layout 1

Layout 2

Layout 3

Layout 4

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Peak Slat Profile

50 x 75mm
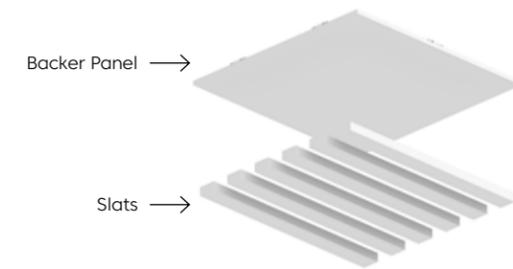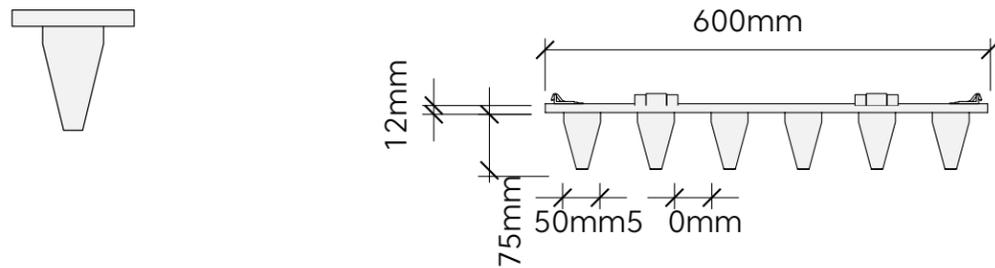
600mm

12mm

75mm

50mm 5 0mm

Backer Panel →

Slats →

Select one colorway for
your backer panel and slat

Backer Panel Size

600 x 600mm

600mm

600mm

75mm

600 x 1200mm

1200mm

600mm

75mm

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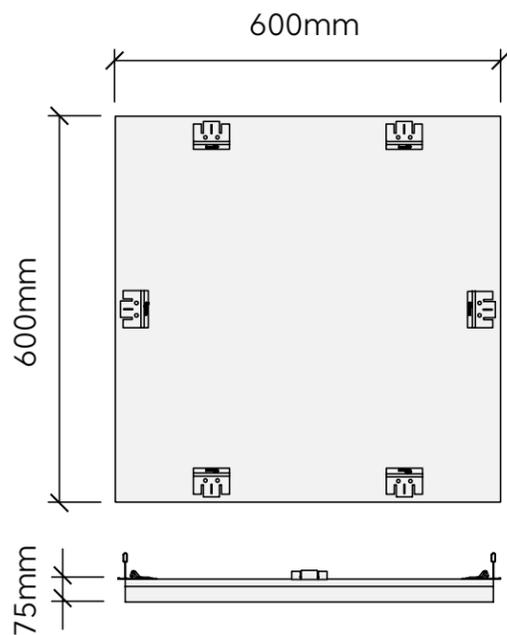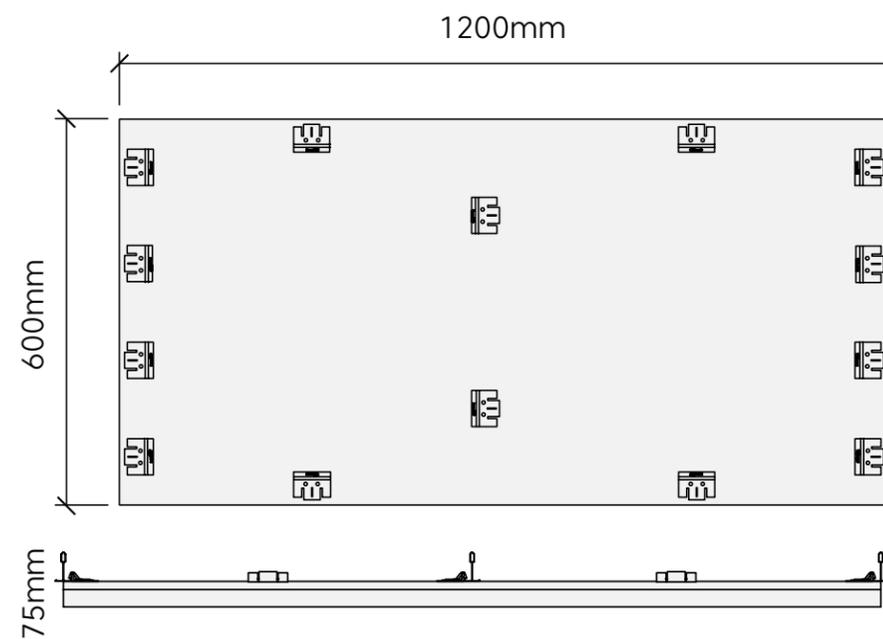
Peak Recommended Layouts

Layout 1

Layout 2

Layout 3
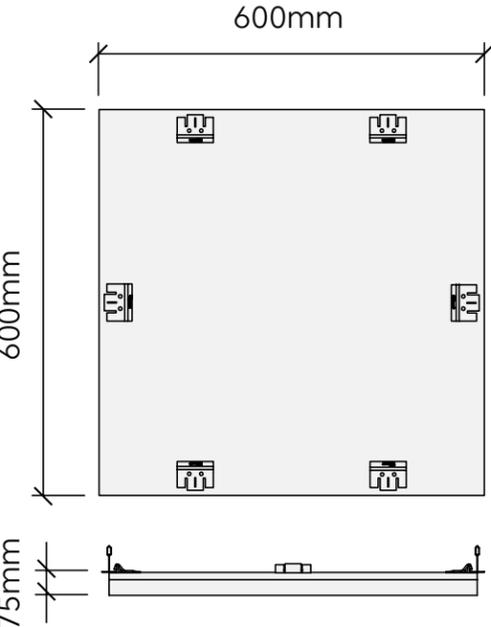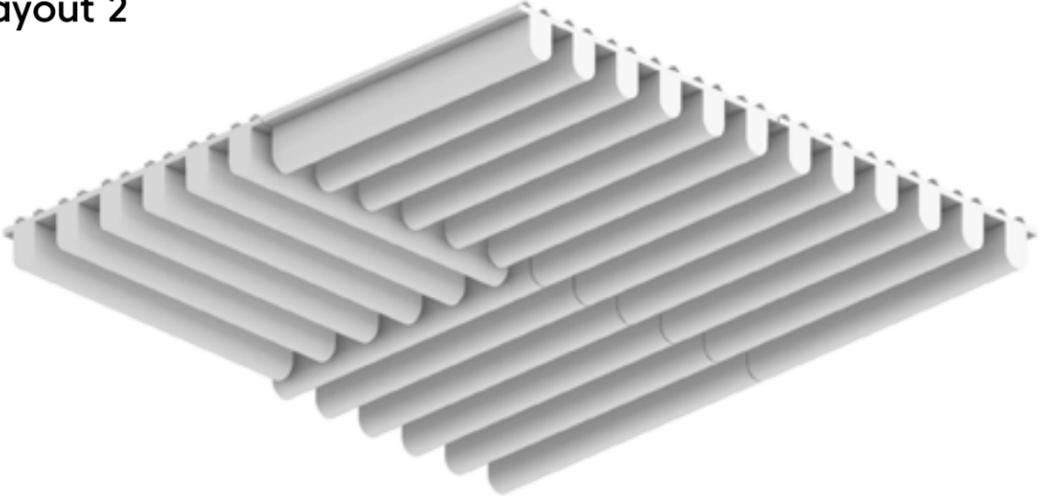

Layout 4

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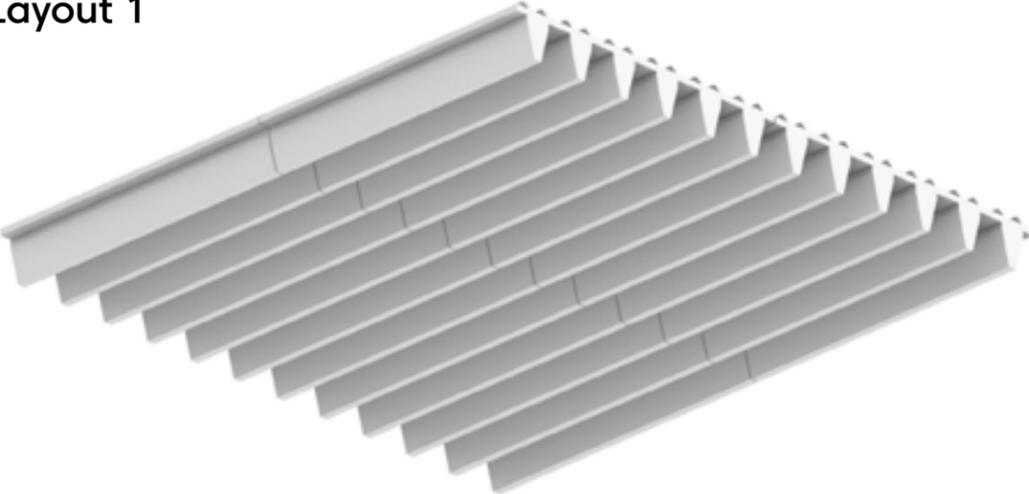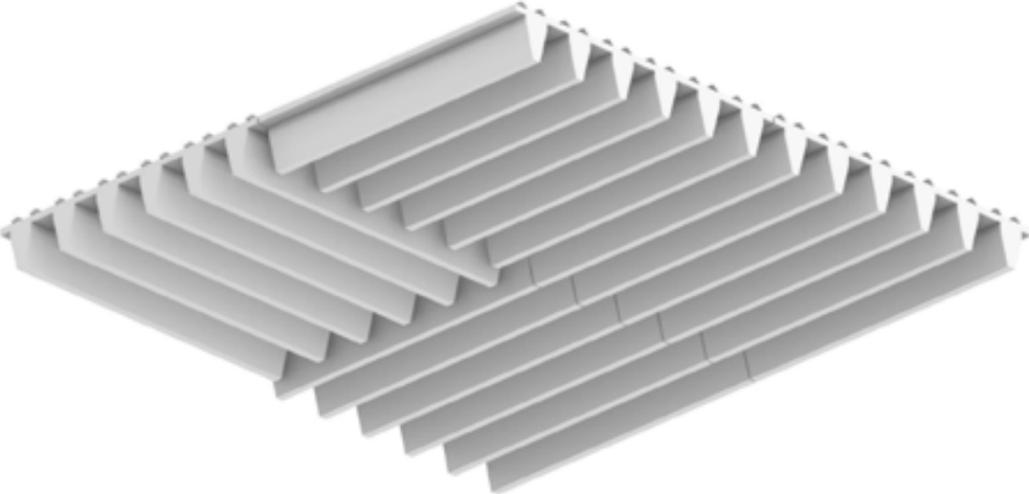
Recommended Layout

Layout 1

Layout 2

Layout 3

Layout 4

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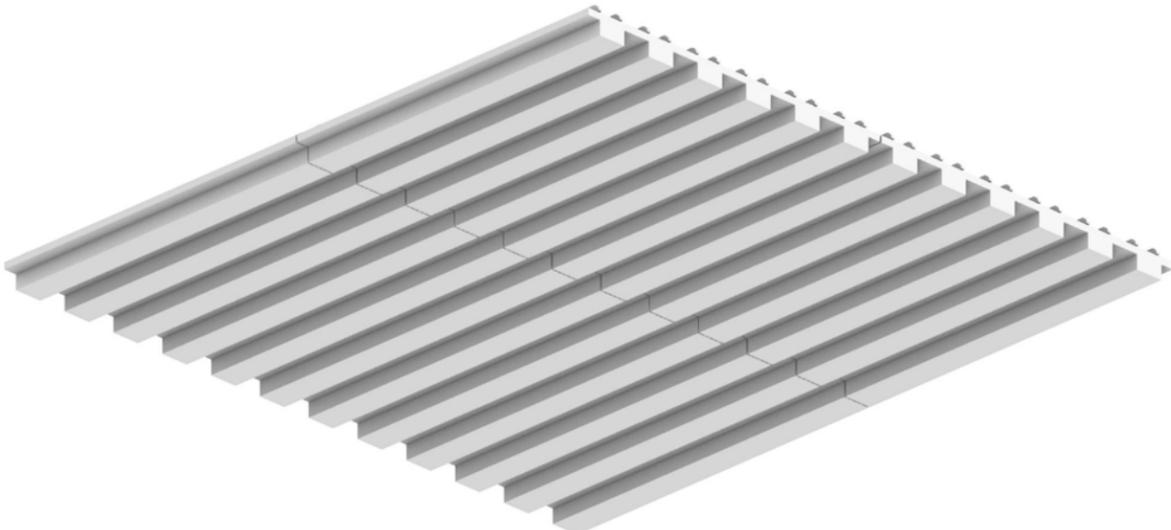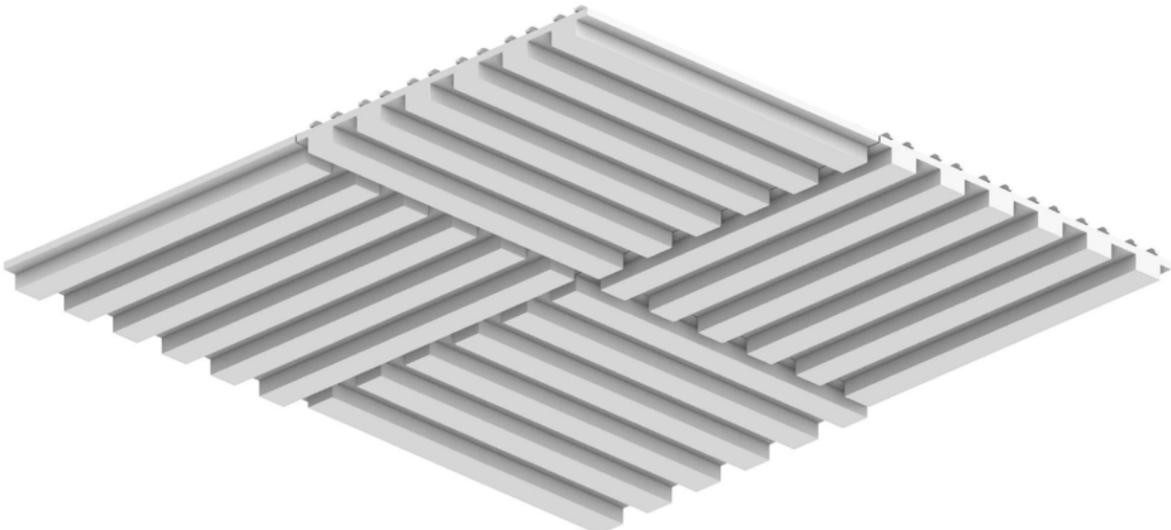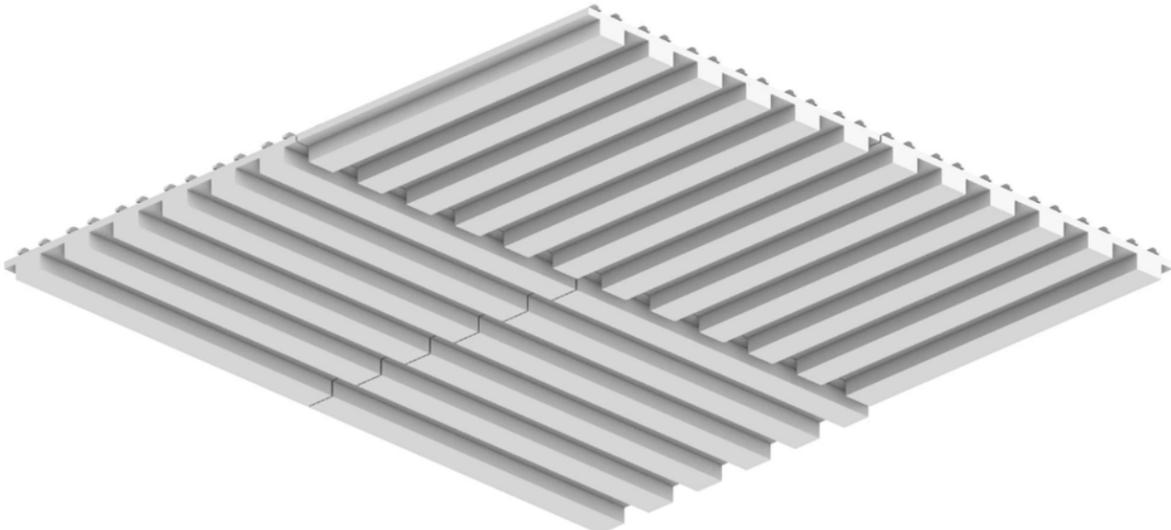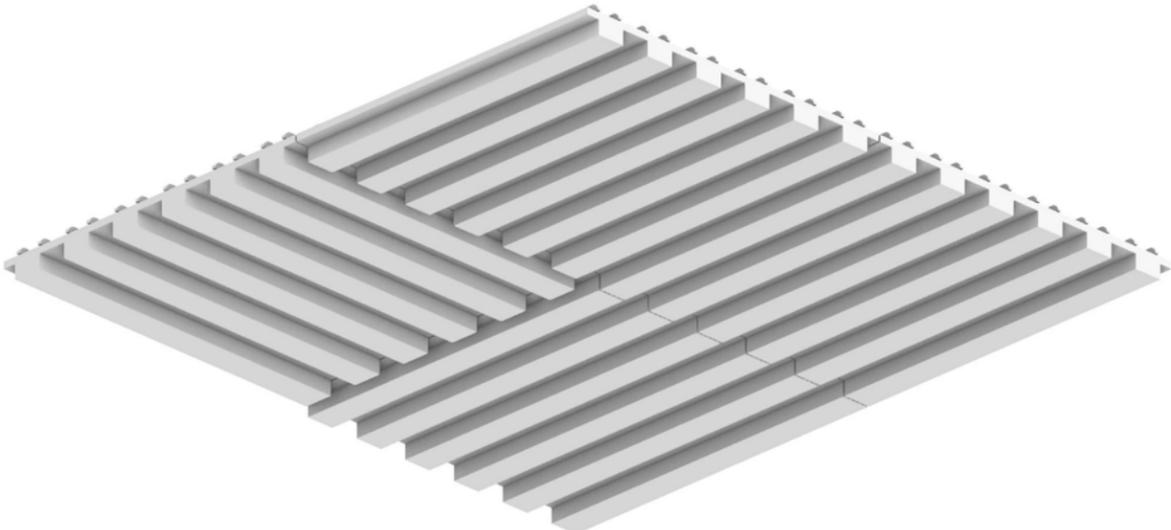
Lighting Coordination

600 x 600mm & 600 x 1200mm Grid Light
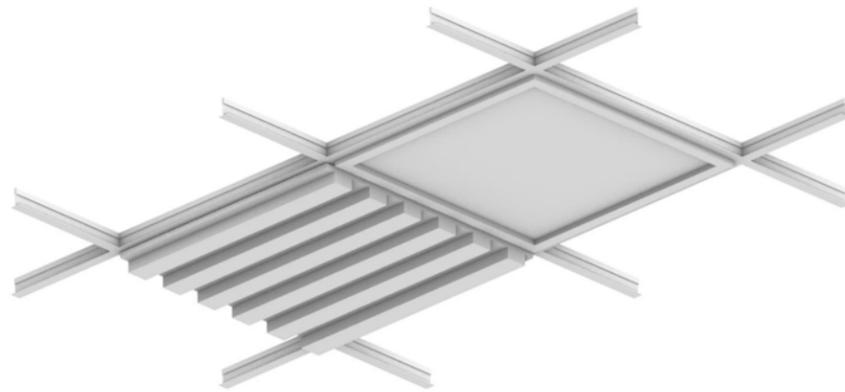
Drop Pendant Light
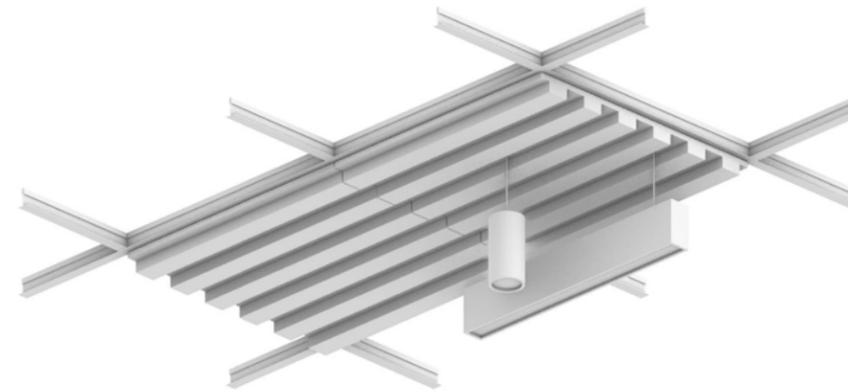
* Cut On-Site (Between Slats)

Recessed Light

Infill Tile With Cut-out*
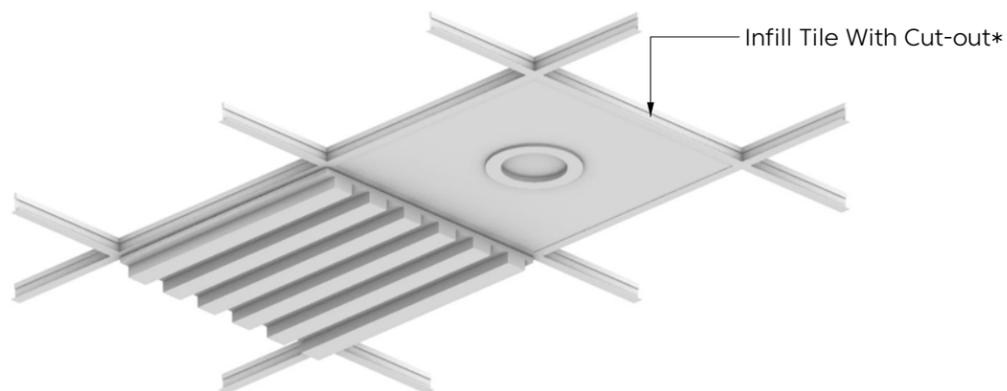
*Cut On-Site

Grid Mounted Light (Track, Pendant)

Divided SoftenUp Ceiling Tile*

* Cut On-Site (Between Slats)

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Premier Colourways

Peppercorn PE22	Currant CU59	Carrot CA08	Peach PE19

Mushroom MU75 · Valentine VA70 · Turmeric TU60 · Wheat WH68 · Kale KA12 · Oregano OR18 · Sencha SE58

Celery CE65 · Eucalyptus EU71 · Nori NO76 · Pistachio PI25 · Midnight MI16 · Flint FL64 · Granite GR62 · Denim DE09 · Loganberry LO77 · Azur AZ05 · Marine MA15

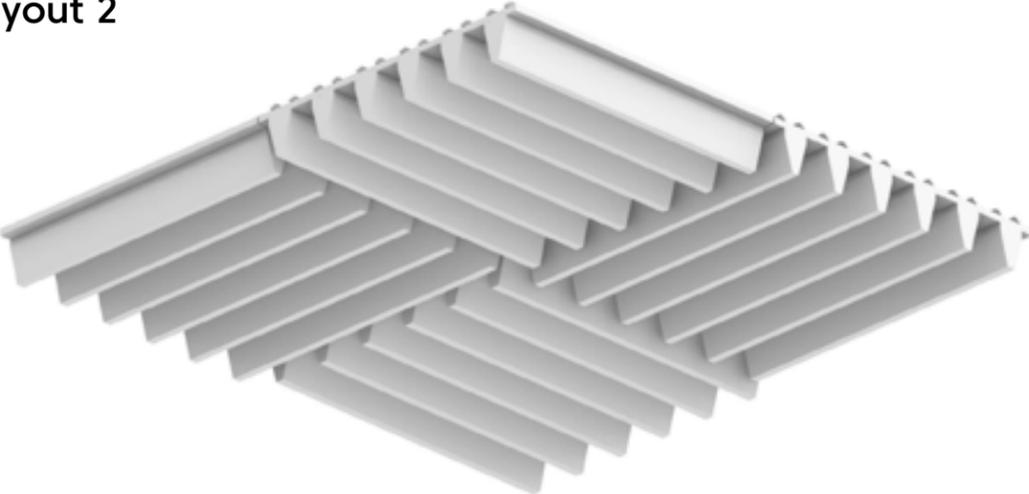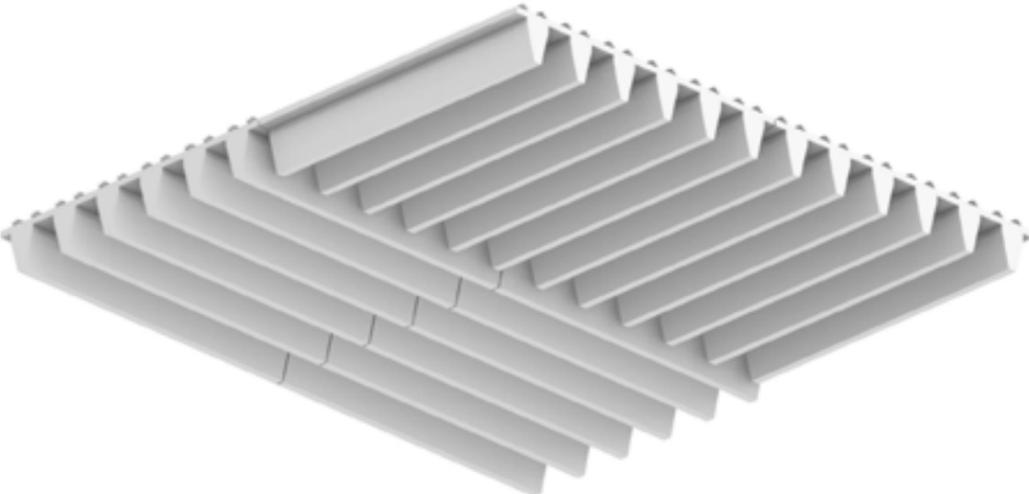Stonewash ST72 · Periwinkle PE23 · Sea Salt SE57 · Shiraz SH63 · Piano Black PI24 · Charcoal CH01 · Slate SL27 · Grey GR02 · Platinum PL04 · Milkyway MI74 · Walnut WA56

Umber UM54 · Amethyst AM69 · Quartz QU67 · Almond AL55 · Ivory IV11 · Pearl PE21 · White WH12

Can't find a colour?

We are constantly updating our palette, which includes adding and discontinuing certain colour lines. If you can't find the colour you are looking for, please contact us with your colour request, as we may still have stock available.

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WoodGrain Prints

Picket Fence WQ01	Boat Shed WQ02	Wine Barrel WQ03	Log Cabin WQ04	Barn Door WQ05
Loft WQ06	White Elm WQ07		Charred Larch WQ09	Boardwalk WQ10
Antique Chest WQ11	Baltic Birch WQ12	White Oak WQ13	Weathered Slate WQ14	Nordic Plank WQ15
Natural Oak WQ16	European Larch WQ17	Teak WQ18	Fumed Oak WQ19	Black Walnut WQ20
Driftwood WQ21	Woodland Fog WQ22	Petrified Ash WQ23	Mountain Lodge WQ24	Mocha Legno WQ25
Scorched Timber WQ26	Espresso Oak WQ27	Shadow Oak WQ28	Knotty Spruce WQ29	Lyed Larch WQ30

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Installation

A. Suspension

Tab System
Grid Attachment
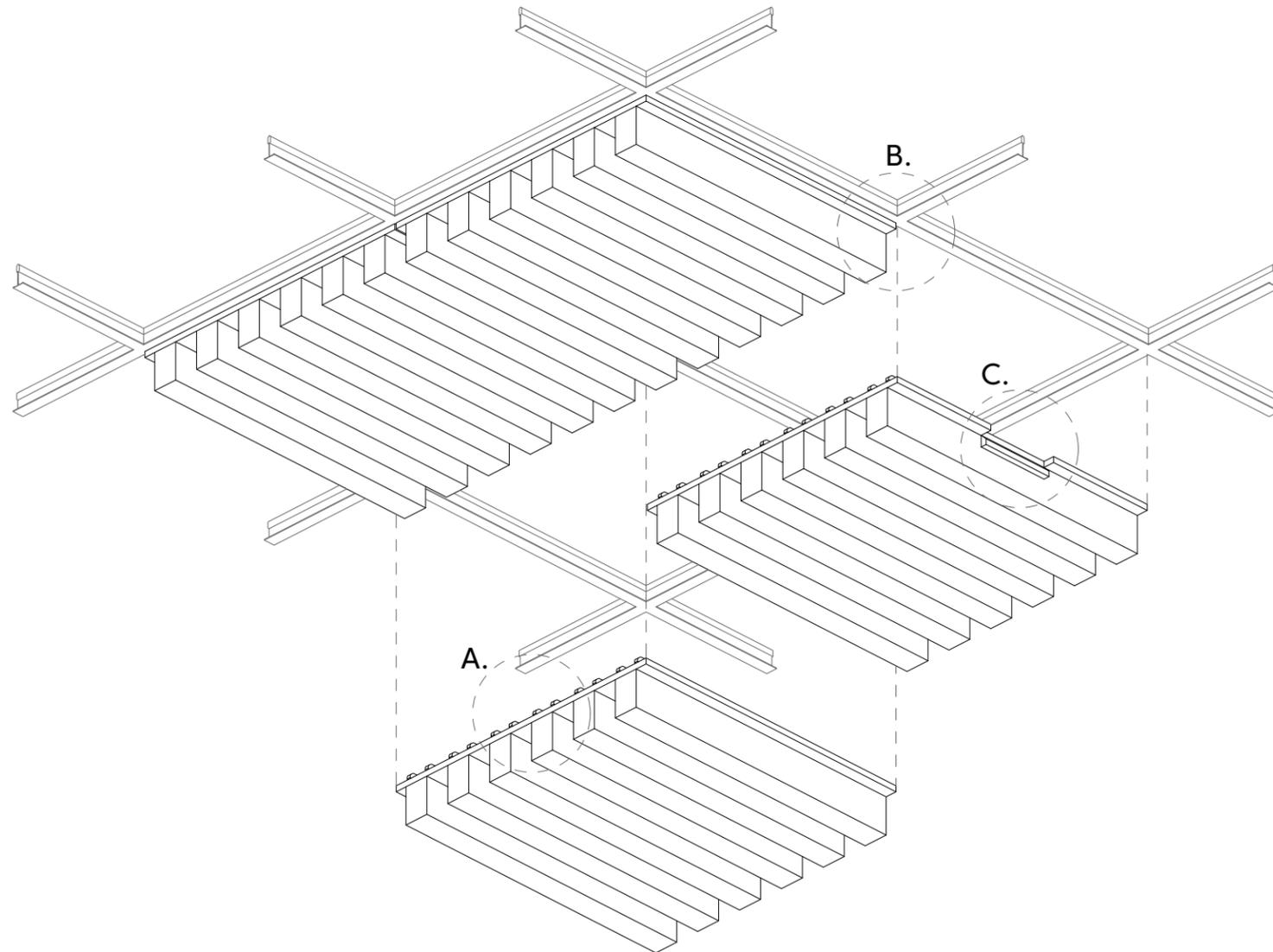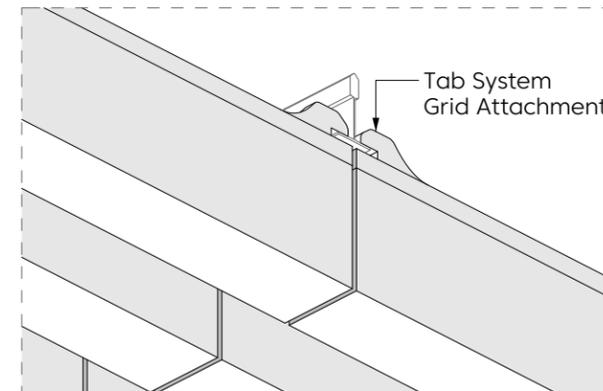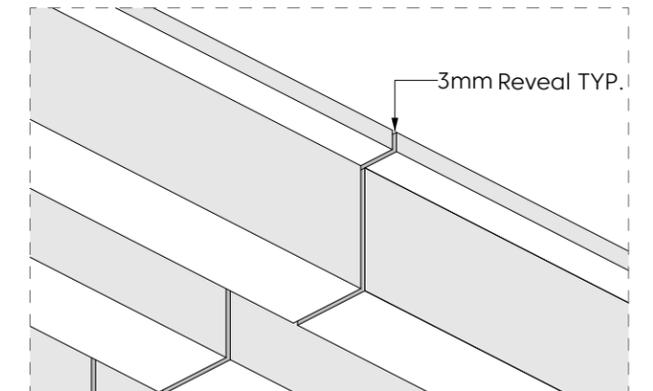
B. Tolerance & Reveal

3mm Reveal TYP.

C. Ceiling Access

Folding Access Tab

B.

C.

A.

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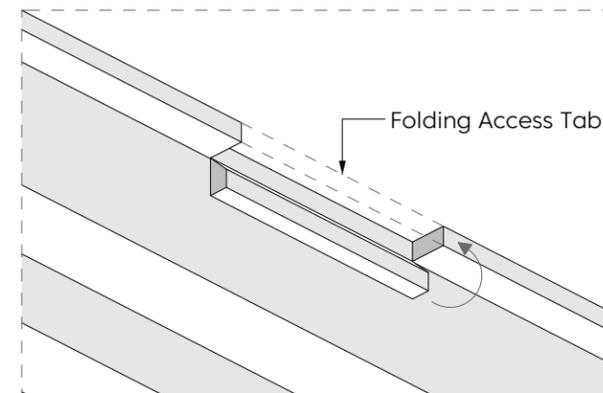
Notes

Suspension

The SoftenUp ceiling system is designed to connect to standard drop ceiling grid systems via a series of tabs integrated into the design. No additional hardware is required for standard installation. Seismic zones may require additional considerations. See note on seismic.

Life Safety

The panels can be trimmed on site, using a sharp utility knife, to accommodate any exit signage and/or wayfinding markings. Cut-outs must occur in 50mm gap between slats. All fixtures must be supported independent of tiles.
*Panels cut on-site may require additional support.

.

Clearance/Tolerance

When installed, SoftenUp tiles have a consistent 3mm reveal to account for any on-site tolerance concerns. Panels have a method for tile alignment integrated into the design.

*A continuous slat design is available - contact Acoufelt for further details.

MEP/FP

The panels can be trimmed on site, using a sharp utility knife, to accommodate any MEP/FP fixtures including but not limited to drop-in lighting and diffusers, recessed lighting, linear diffusers, concealed and exposed fire sprinklers, and A/V equipment. Please consult all local and municipal codes, as well as a licensed engineer, for full compliance requirements. Cut-outs must occur in 50mm gap between slats. All fixtures must be supported independent of tiles.

*Panels cut on-site may require additional support.

Ceiling Access

Panels with an integrated folding access tab are available upon request. These folding tabs allow for the removal of individual tiles to access ceiling systems.

Seismic

SoftenUp tiles can provide seismic compliance through a mechanical direct screw attachment through the panel to the grid system or an individual tile off to building structure. Please consult all local and municipal codes, as well as a licensed engineer, for full compliance requirements.

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