

acoufelt  
making quiet


# SoftenUp™ Ceiling System




# Product Detail

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


# Sustainability




Made from 60% min. recycled content




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




Generated using 40% solar energy



Recyclable at end-of-life



Declare Approved (3PV) for FilaSorb Printed Panels



Indoor Advantage Gold Certified.



# 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 <sup>3</sup>
Colorfastness test method	ISO 105-B02
Rating	6-7

# Guarantees

Lead time	4-6 weeks
Origin	United Kingdom
Warranty against defects	20 years*
Colorfastness warranty	20 years* <small>*conditions apply</small>

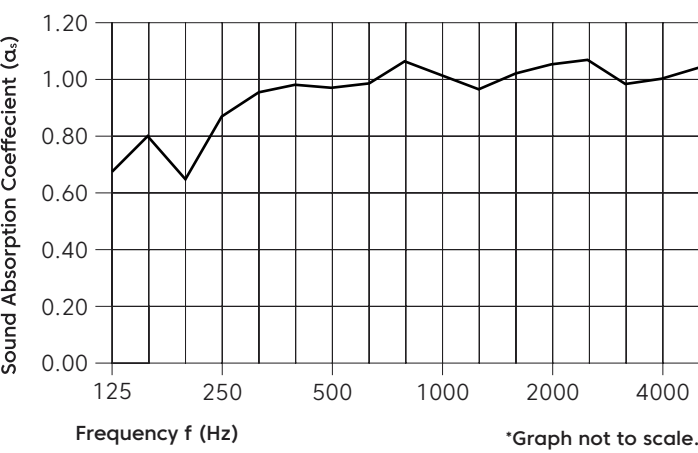
# Acoustic Performance

**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

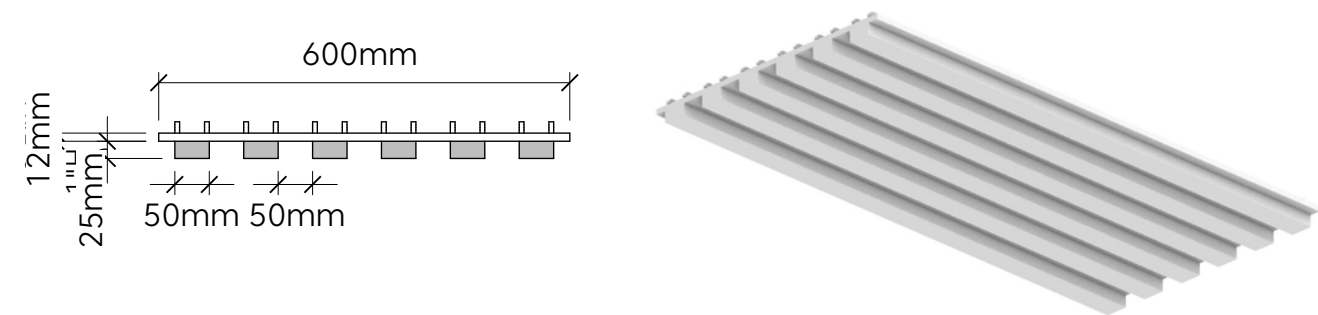


	Frequency (Hz)	125	250	500	1000	2000	4000	NRC
	12mm αs	0.67	0.86	0.96	1.02	1.04	1.00	0.95

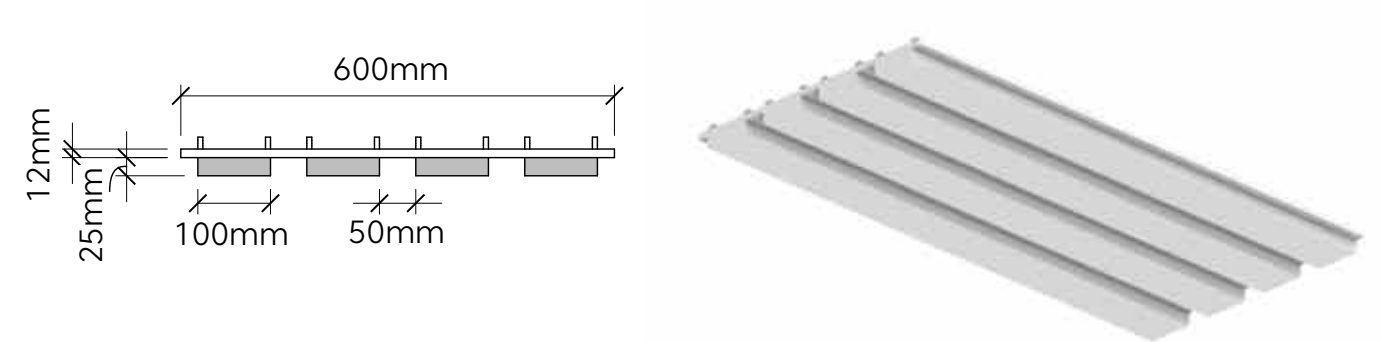
Performance Indices: **Noise Reduction Coefficient (NRC)** results represent the absorption coefficients measured at the one third octaves bands at 125, 250, 500, 1000, 2000 and 4000 Hz rounded to the nearest 0.05. Acoustic testing has been performed according to the methods mentioned above. Customisation 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

# Plateau Slat Profile

50 x 25mm

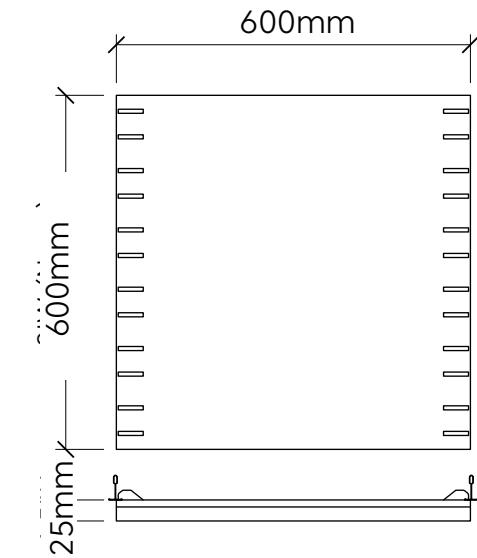


100 x 25mm

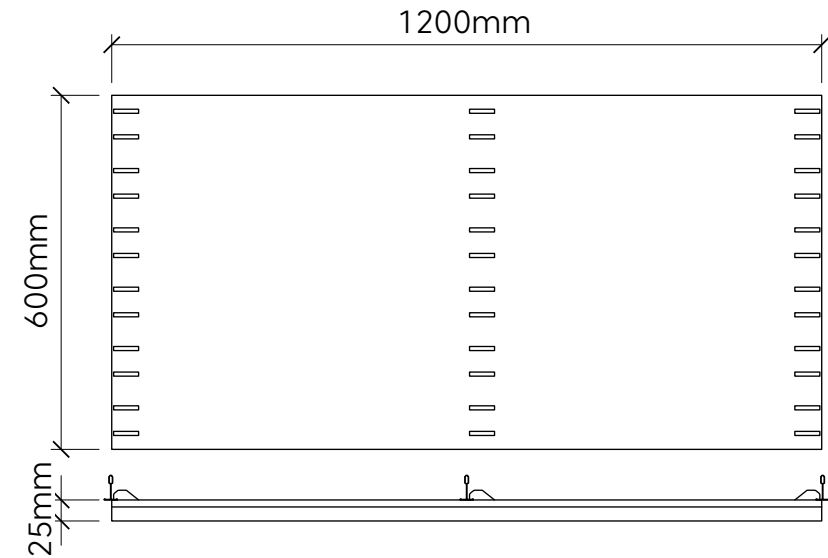


# Backer Panel Size

600 x 600mm



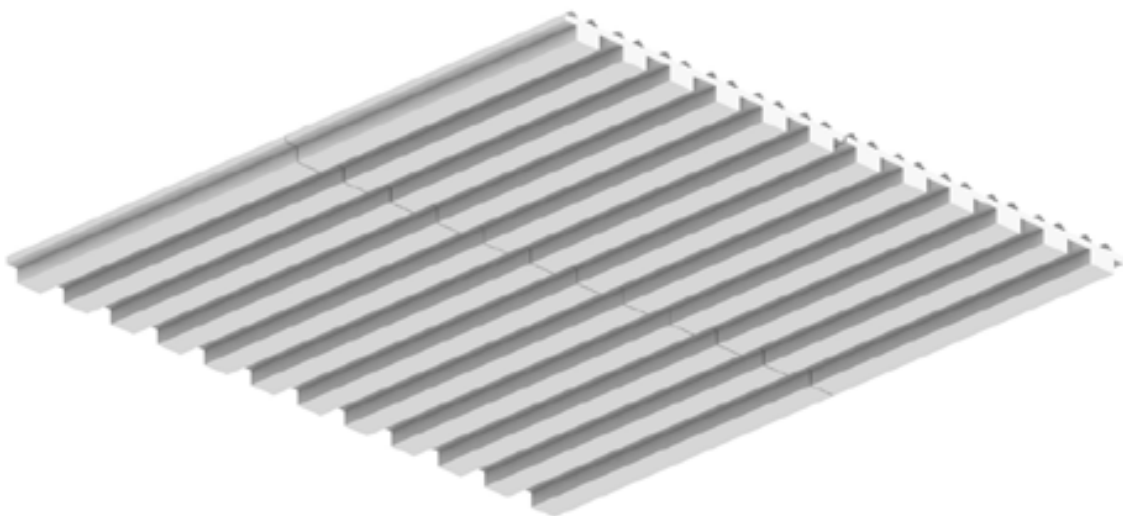
600 x 1200mm



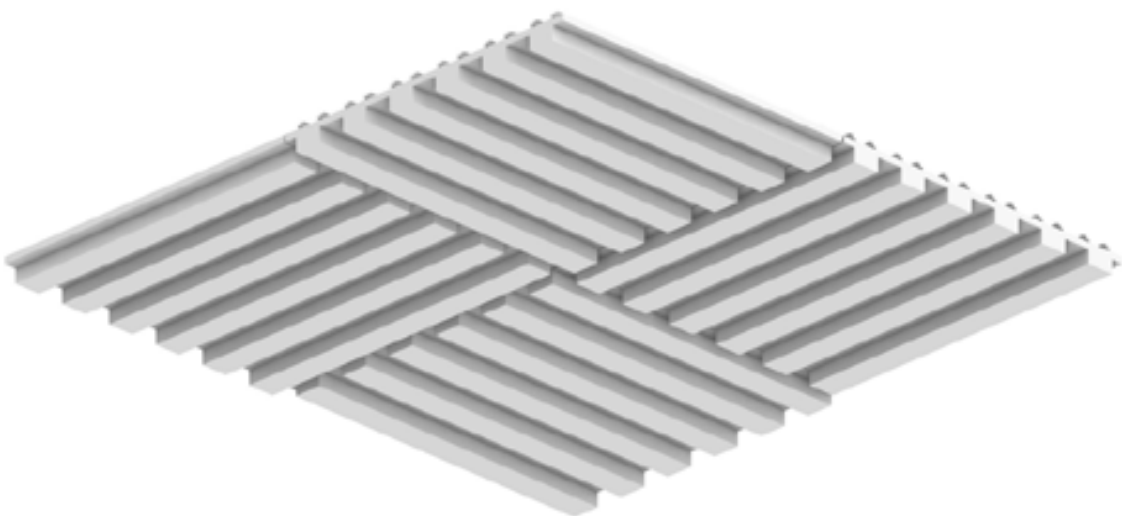
# Plateau Recommended Layouts

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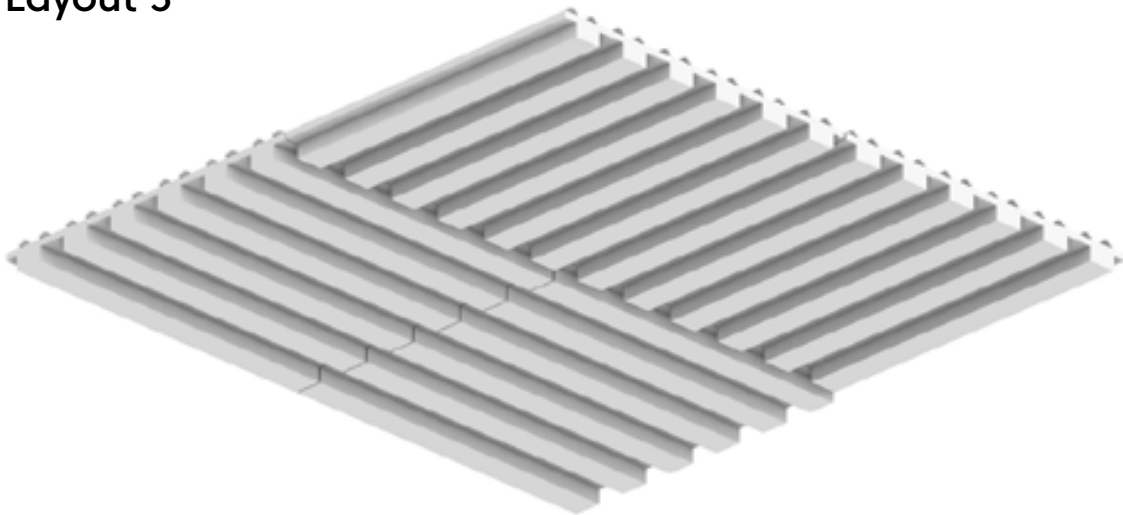
Layout 1



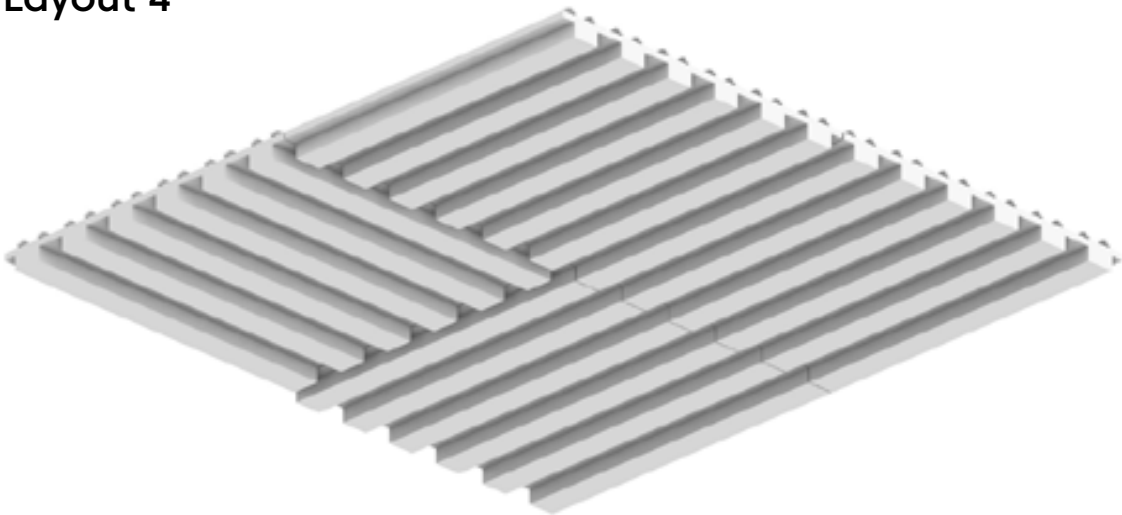
Layout 2



Layout 3

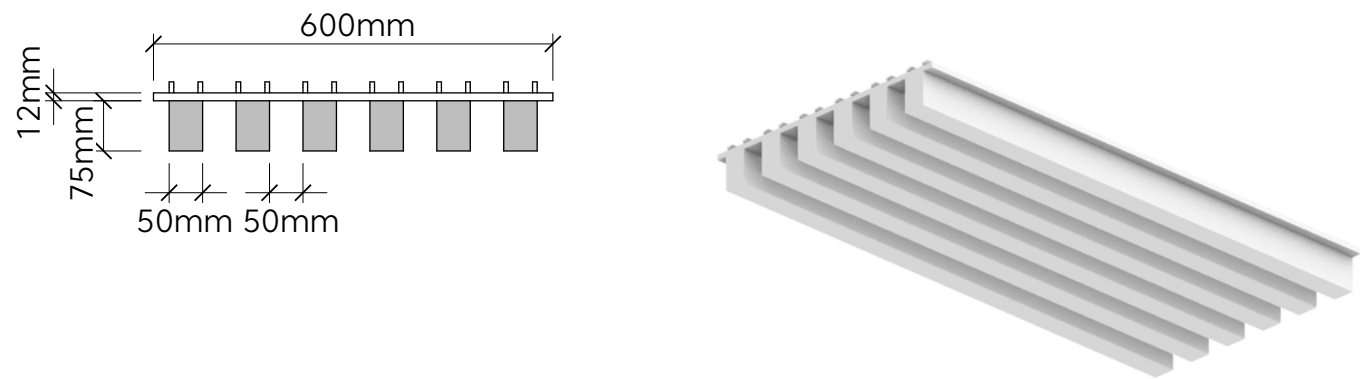


Layout 4

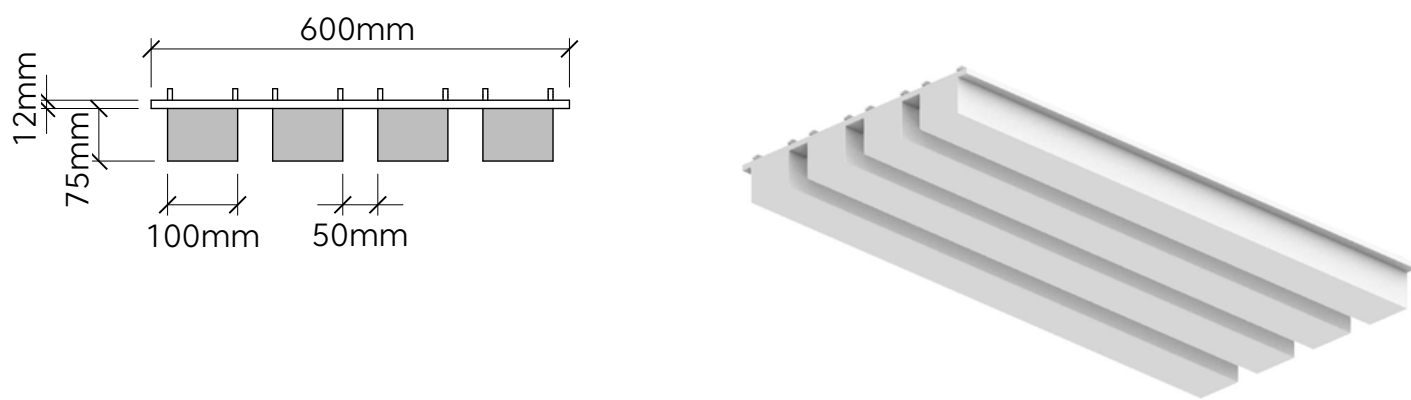


# Ridge Slat Profile

50 x 75mm

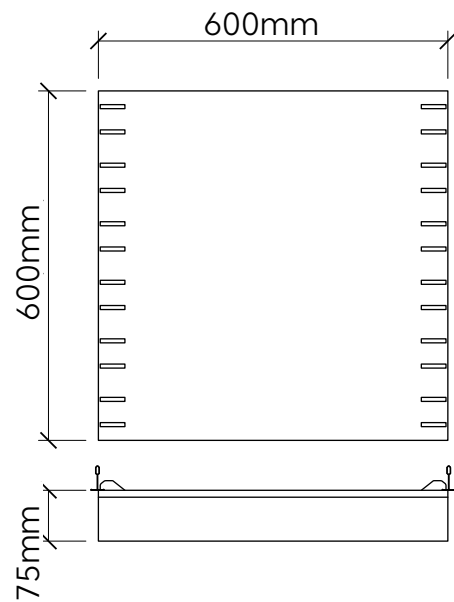


100 x 75mm

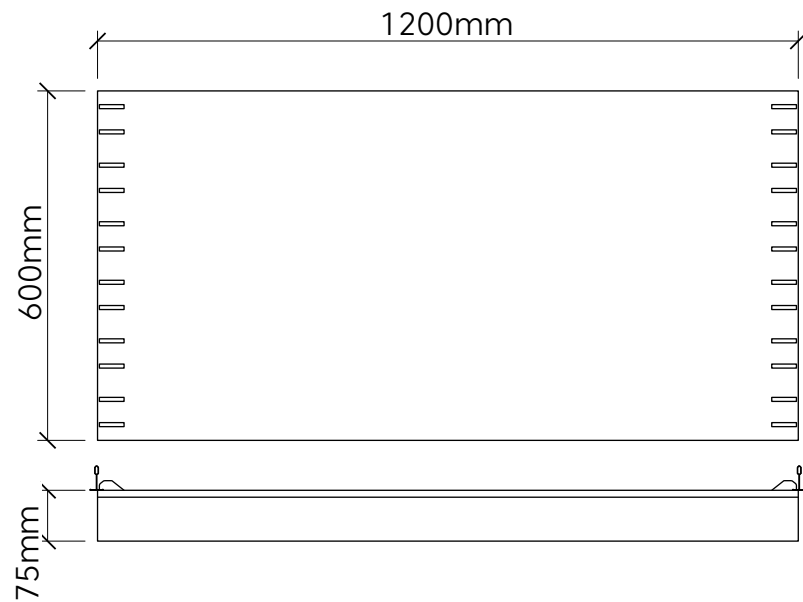


# Backer Panel Size

600 x 600mm



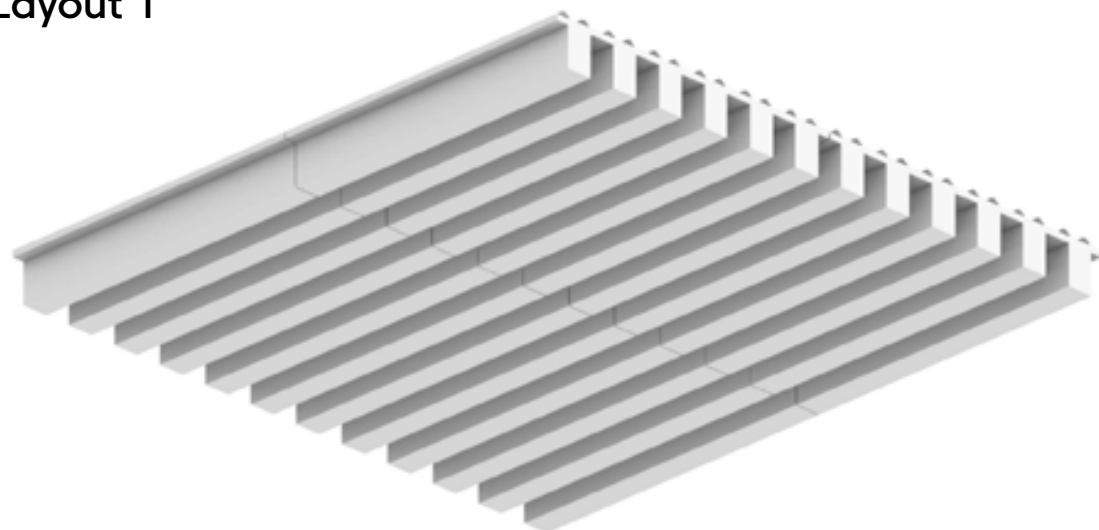
600 x 1200mm



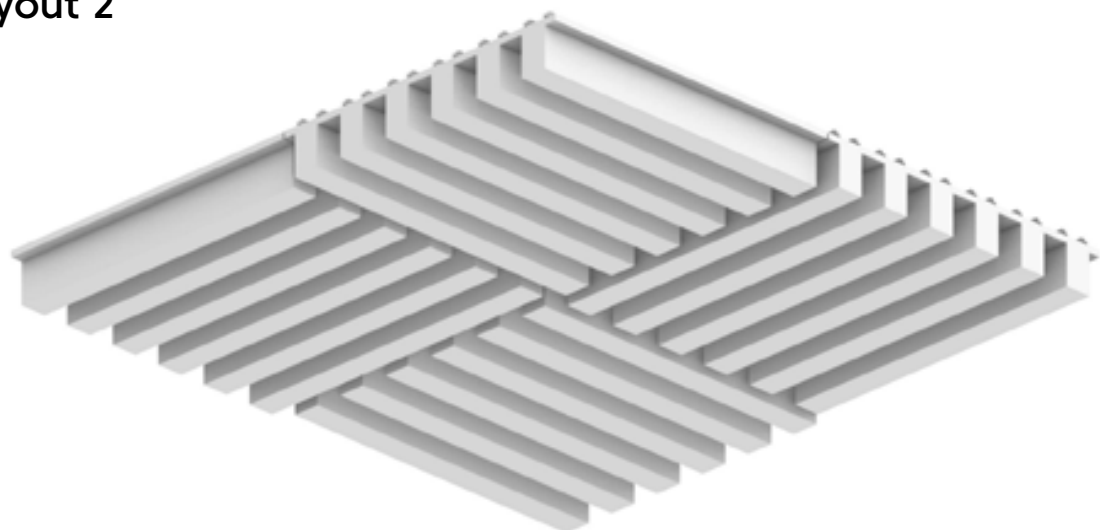
# Ridge Recommended Layouts

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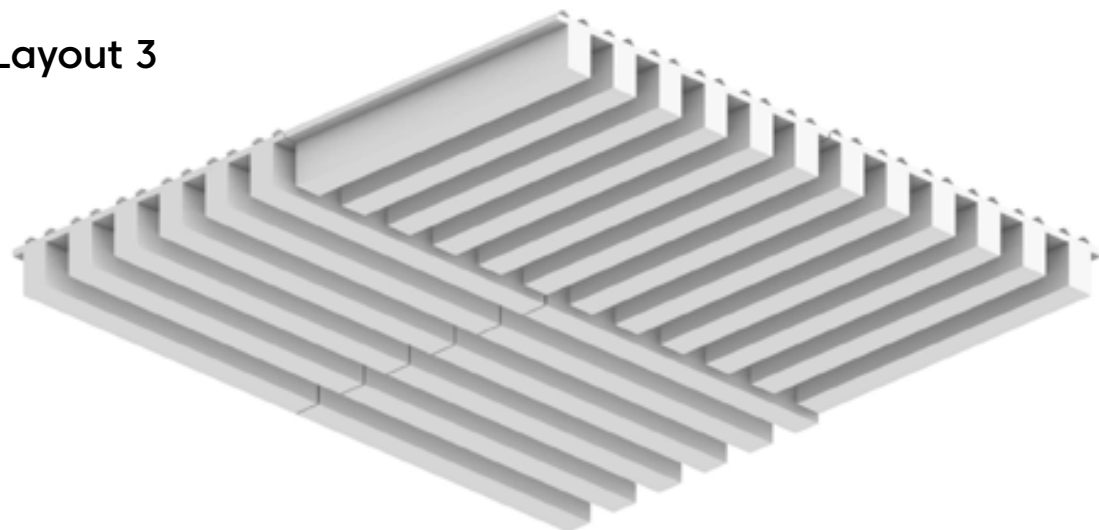
Layout 1



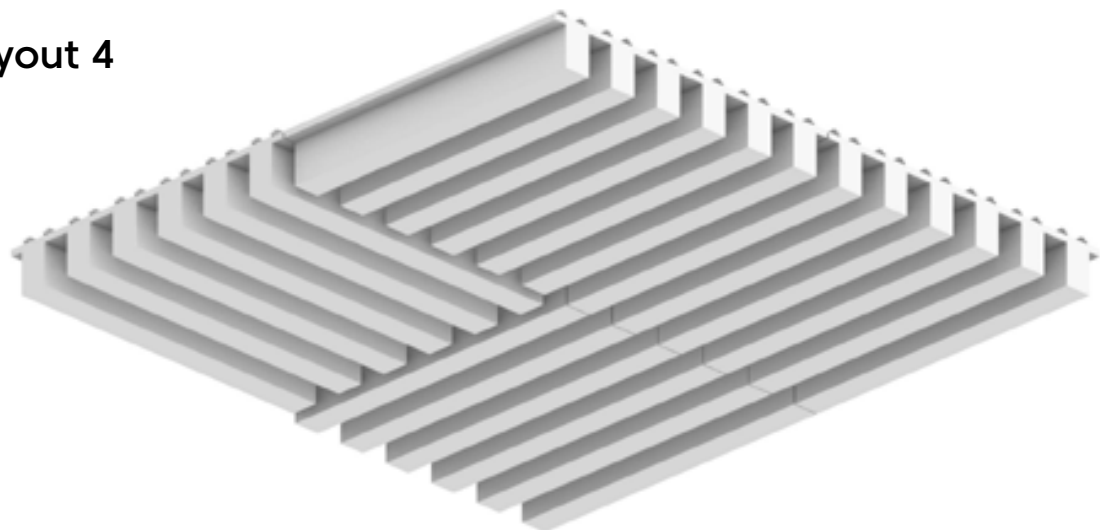
Layout 2



Layout 3

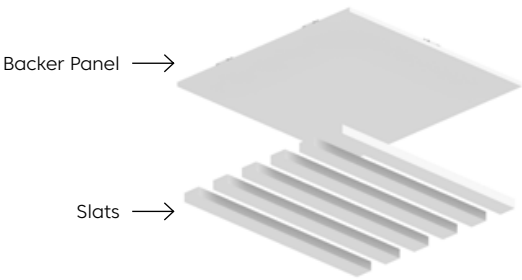
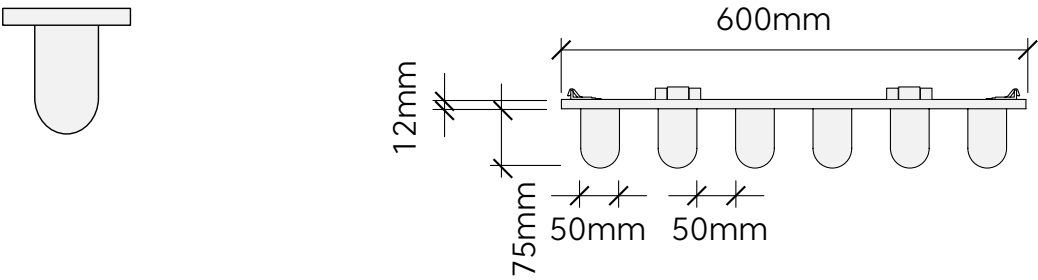


Layout 4



# Foothill Slat Profile

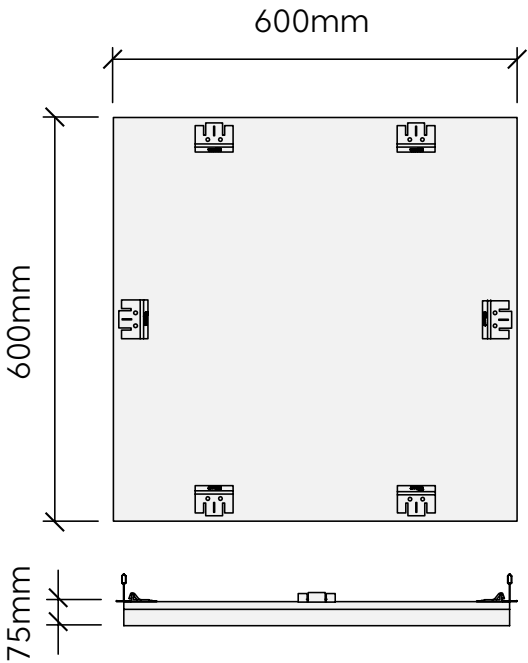
50 x 75mm



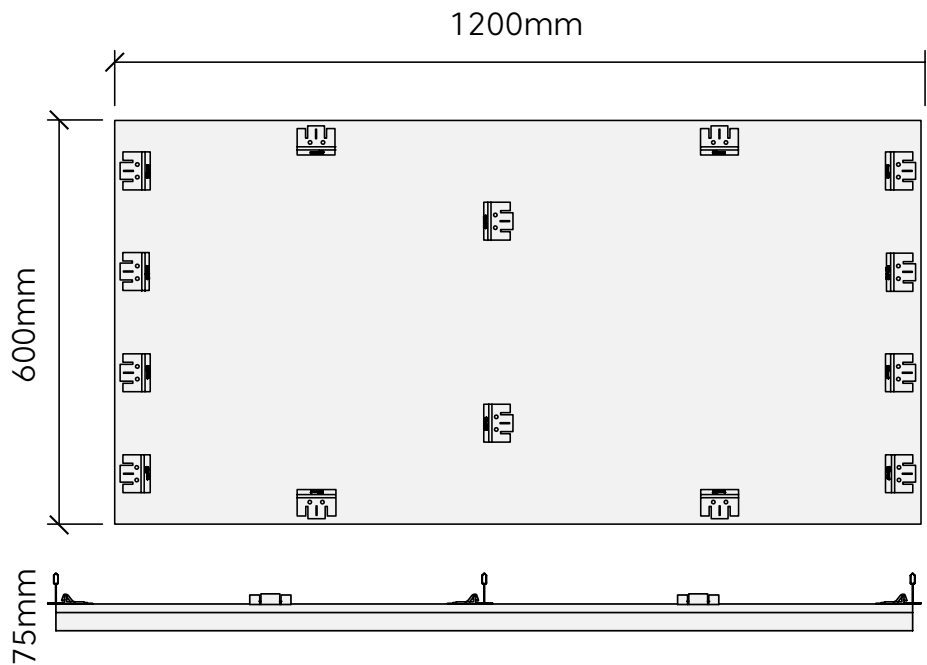
Select one colorway for your backer panel and slat

## Backer Panel Size

600 x 600mm



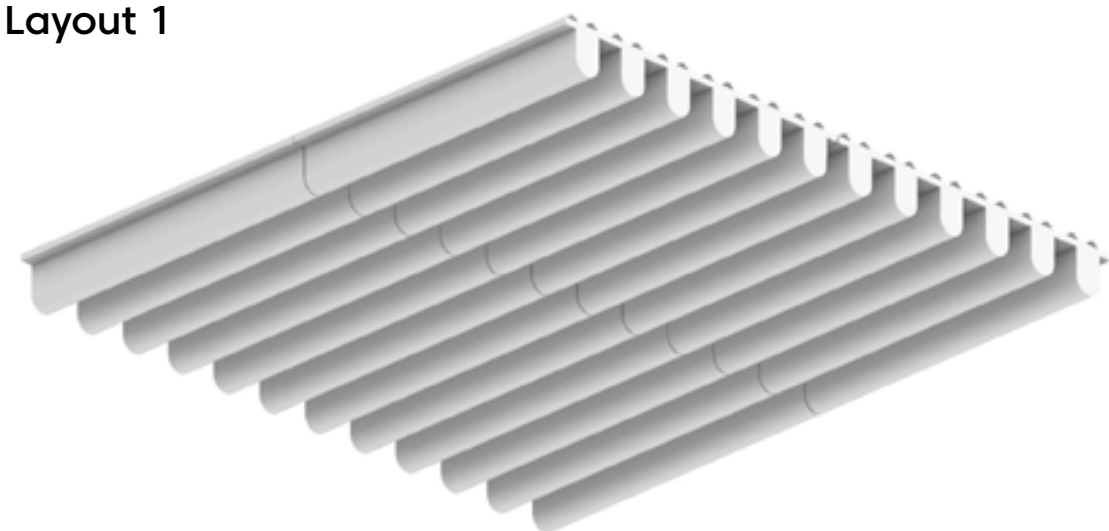
600 x 1200mm



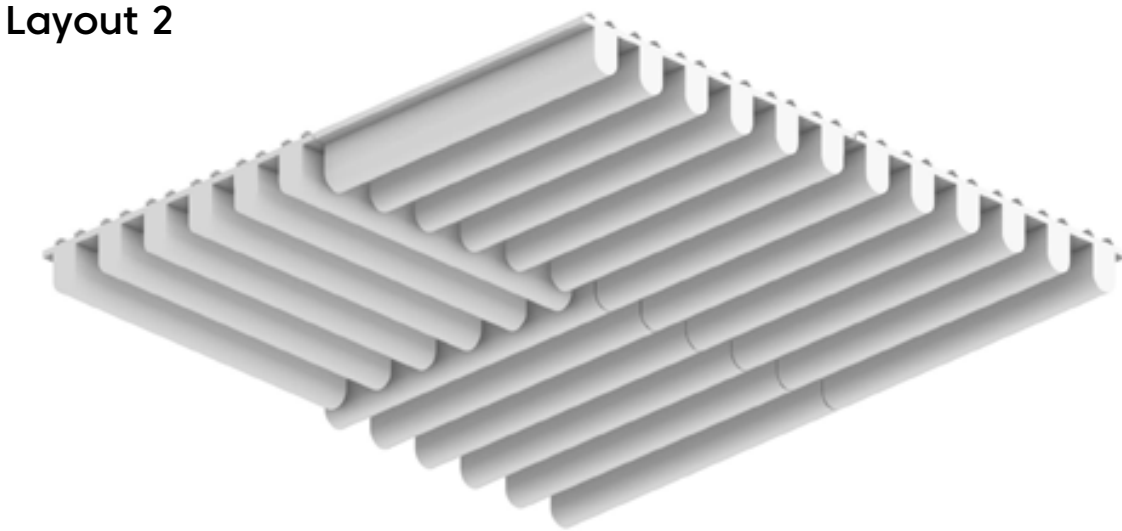
# Foothill Recommended Layouts

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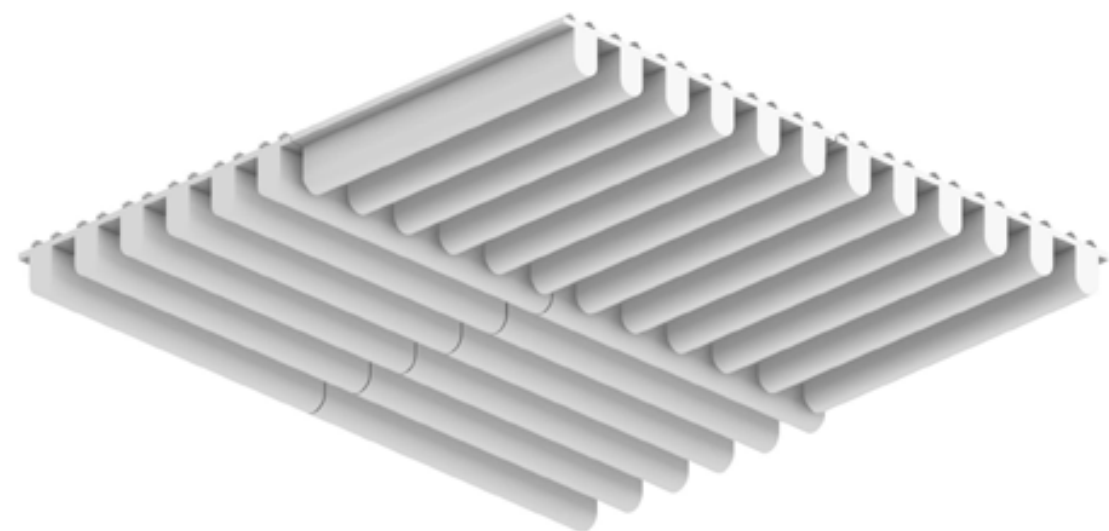
Layout 1



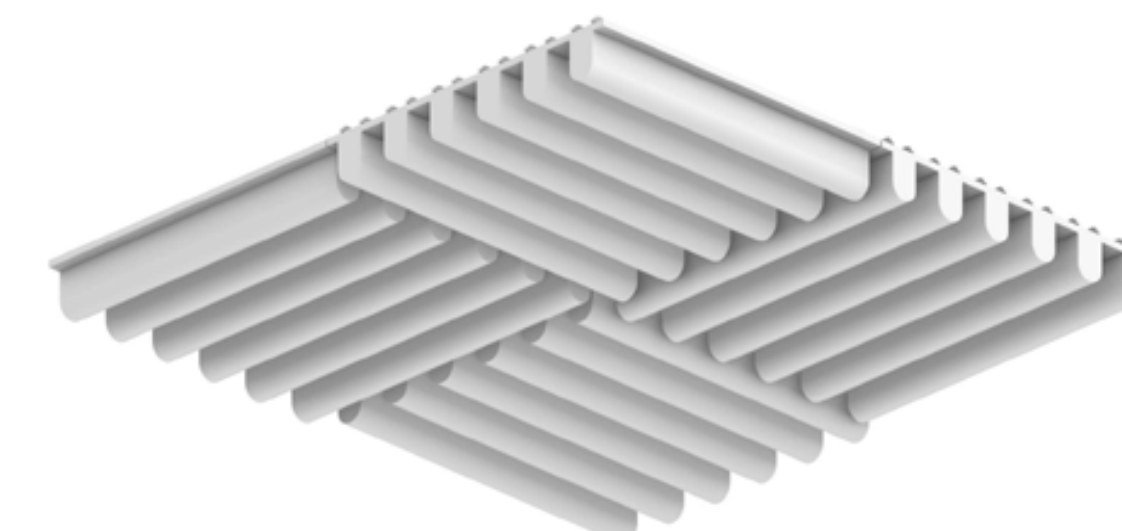
Layout 2



Layout 3



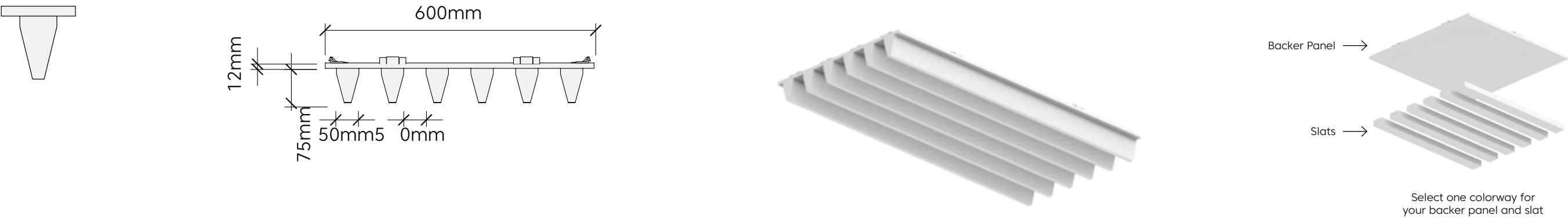
Layout 4





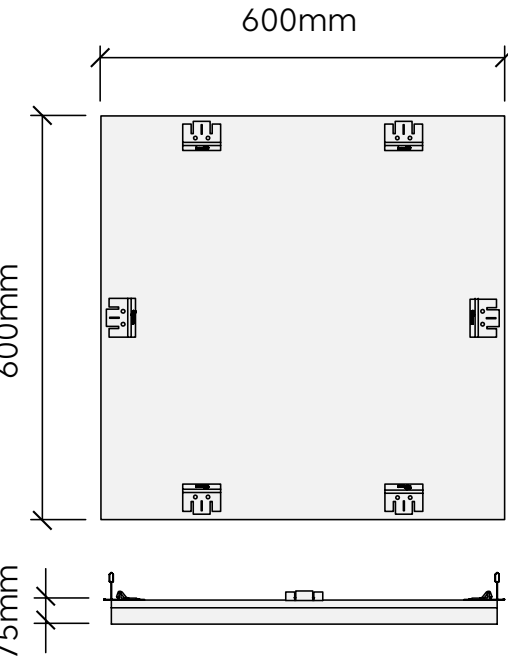
# Peak Slat Profile

50 x 75mm

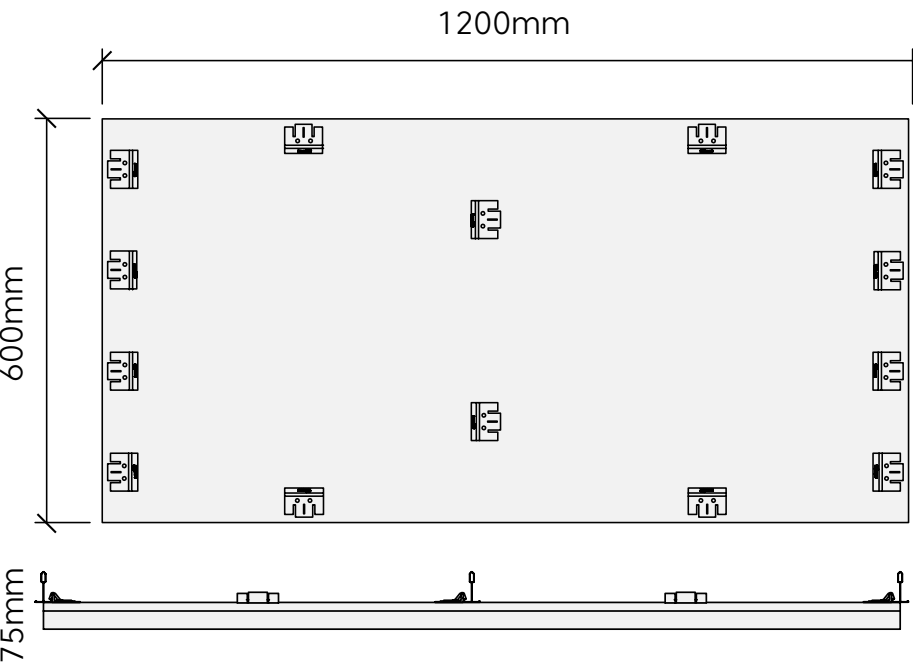


# Backer Panel Size

600 x 600mm



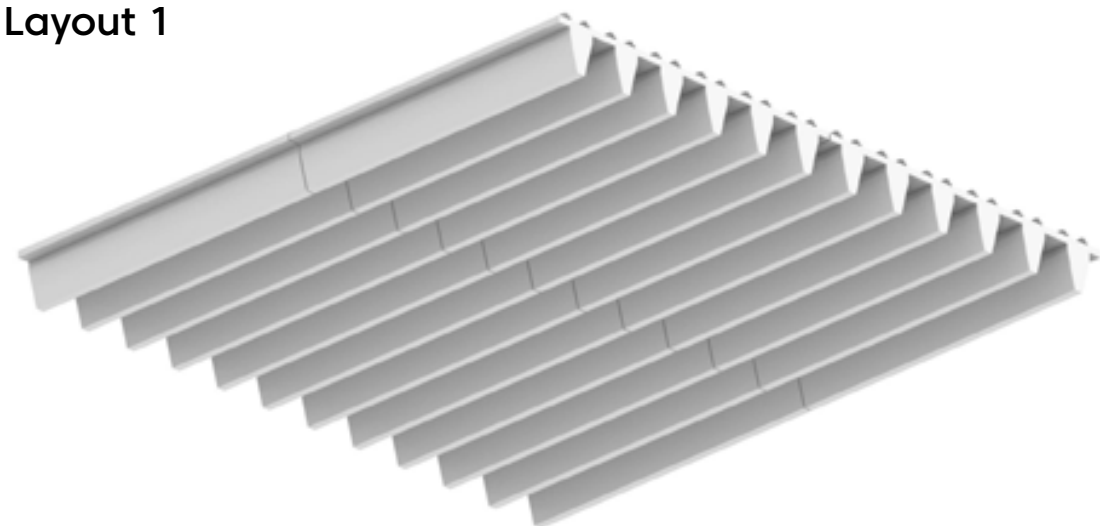
600 x 1200mm



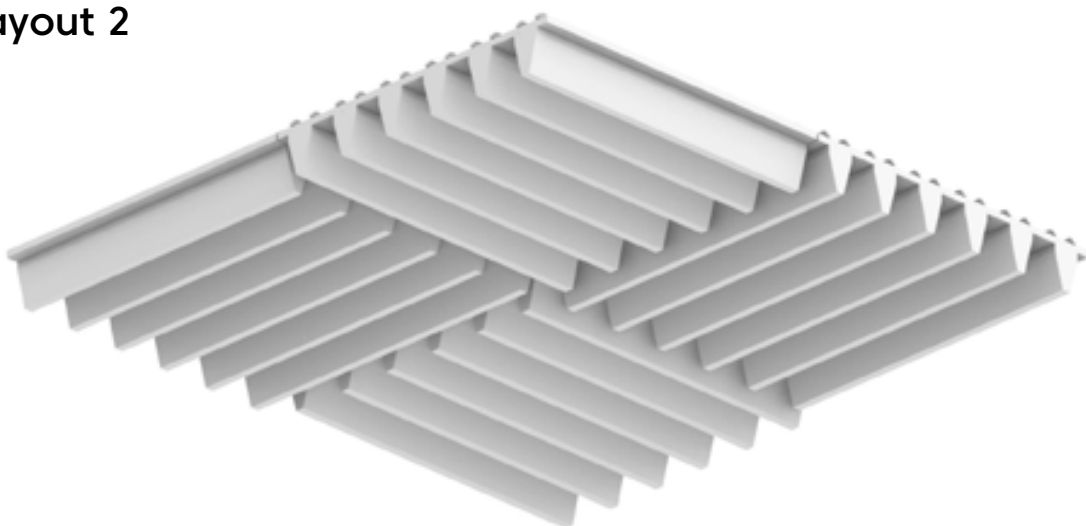
# Peak Recommended Layouts

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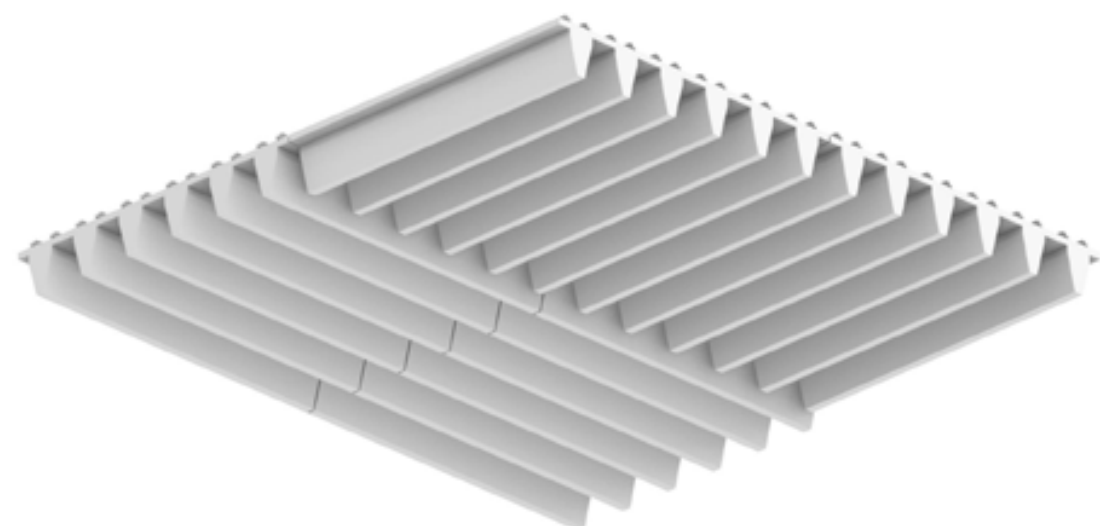
Layout 1



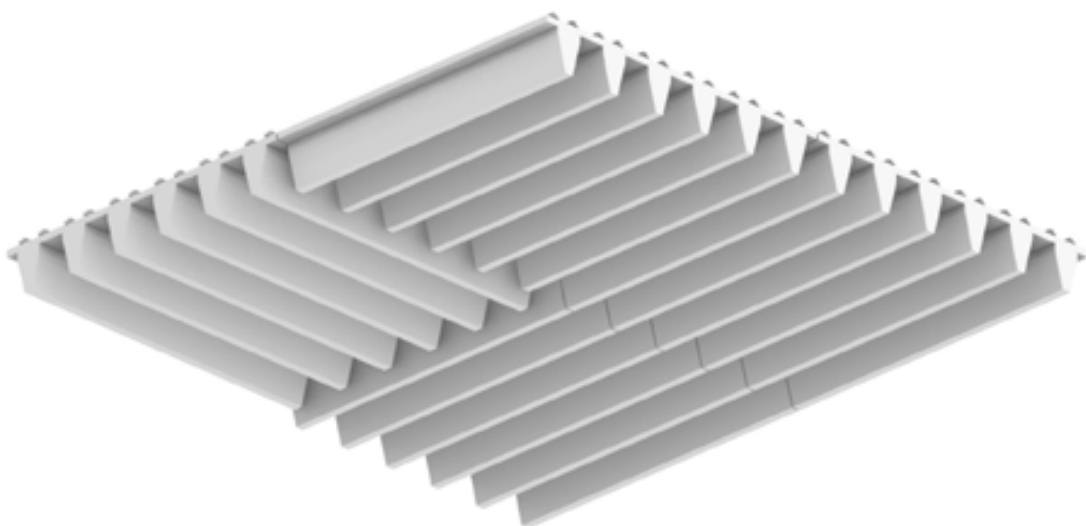
Layout 2



Layout 3

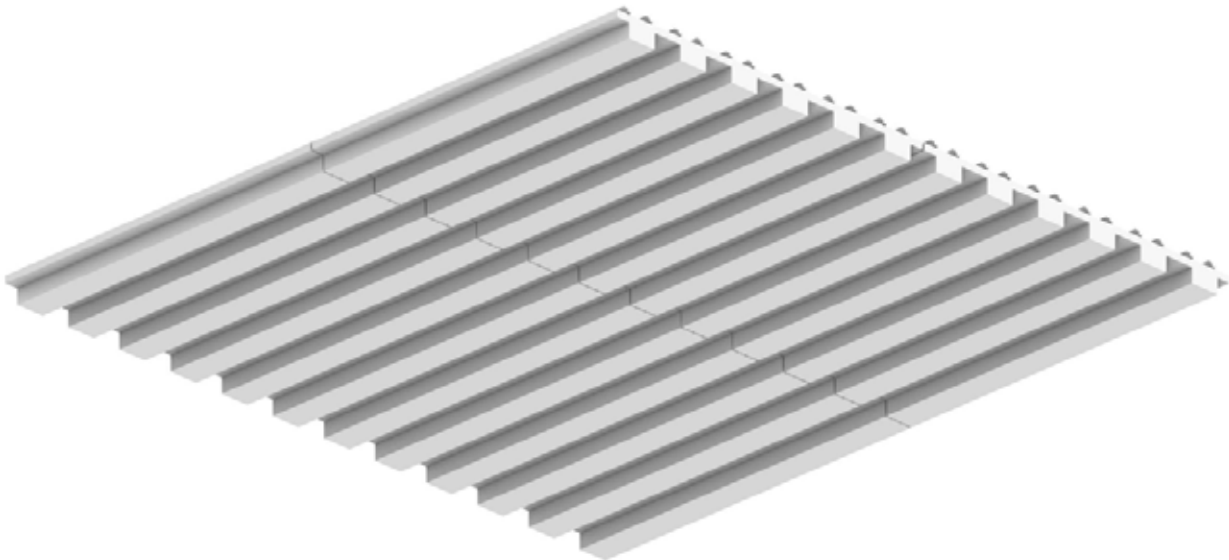


Layout 4

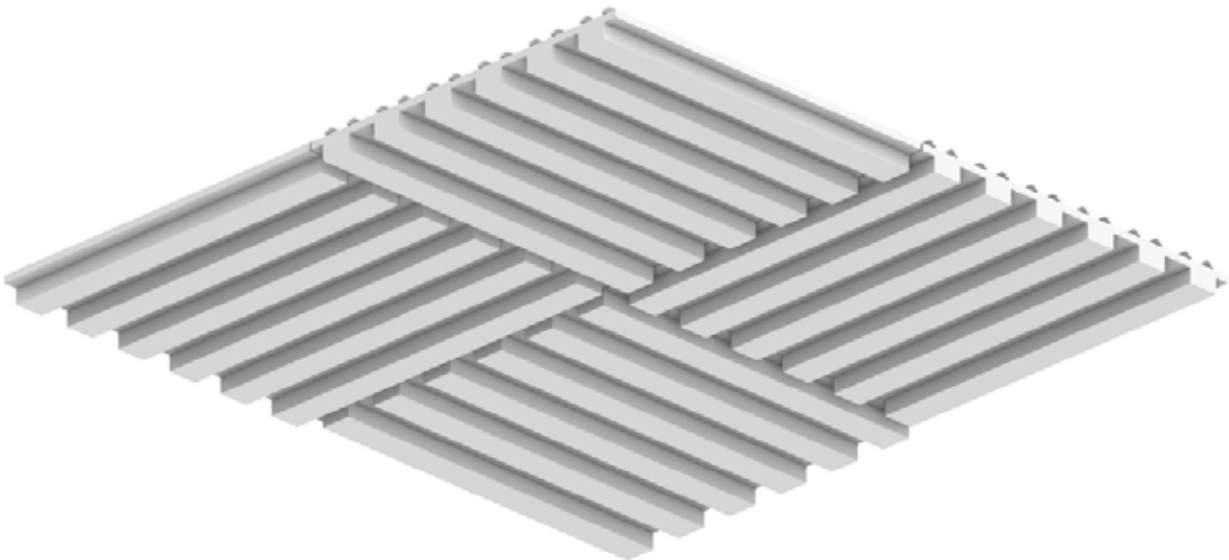


# Recommended Layout

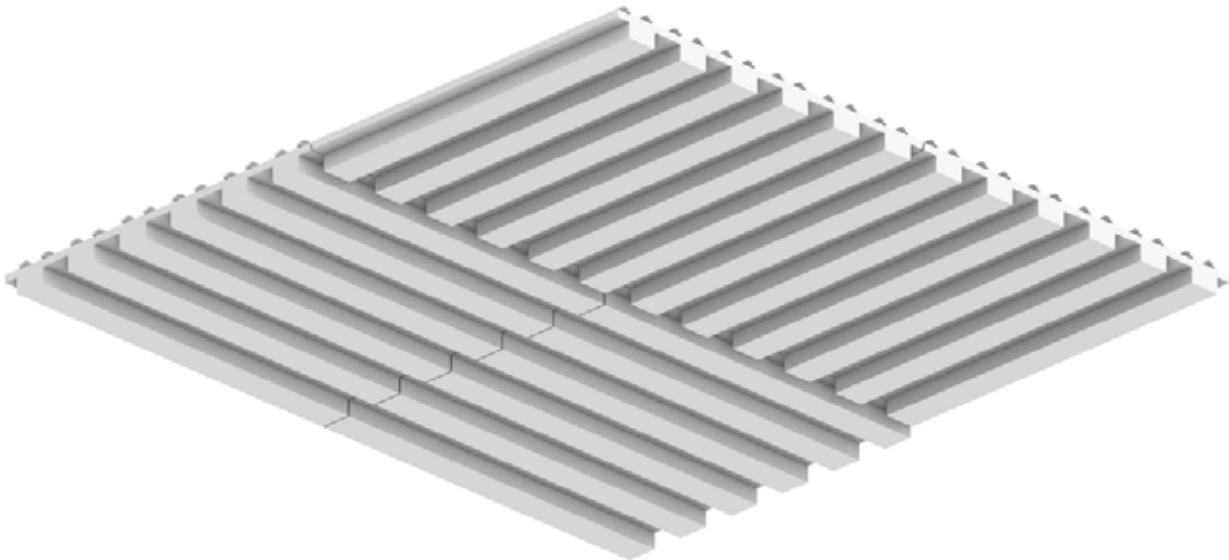
Layout 1



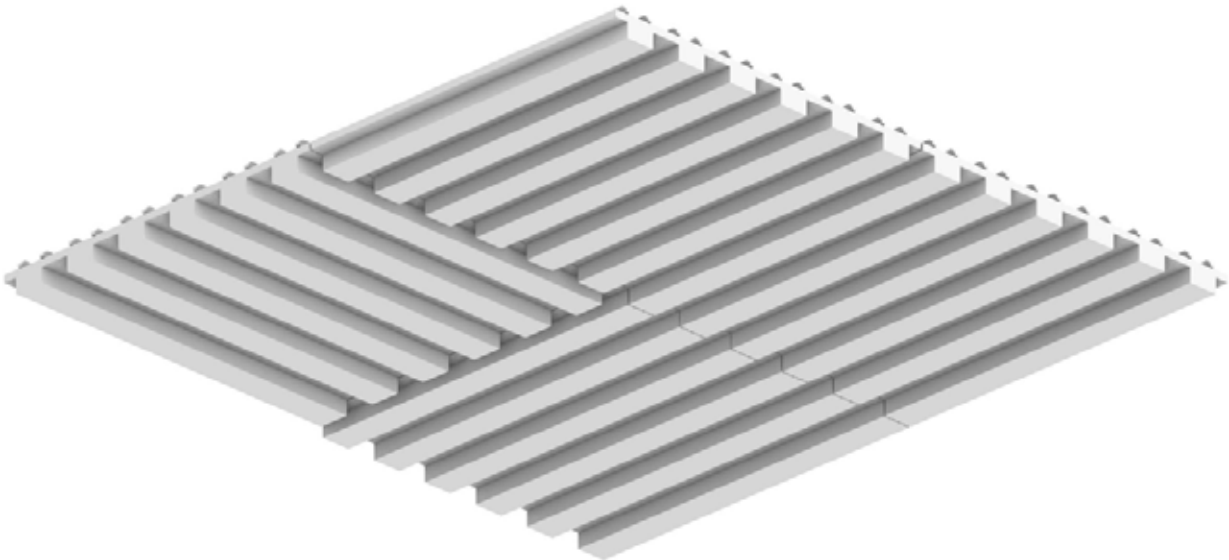
Layout 2



Layout 3



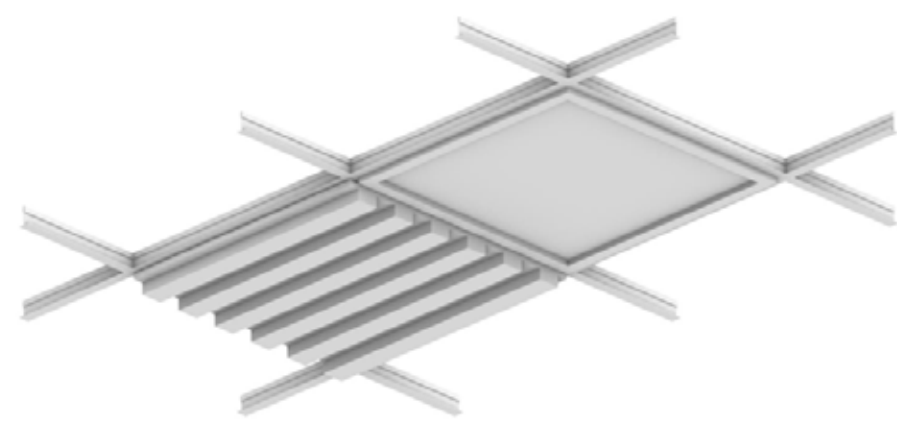
Layout 4



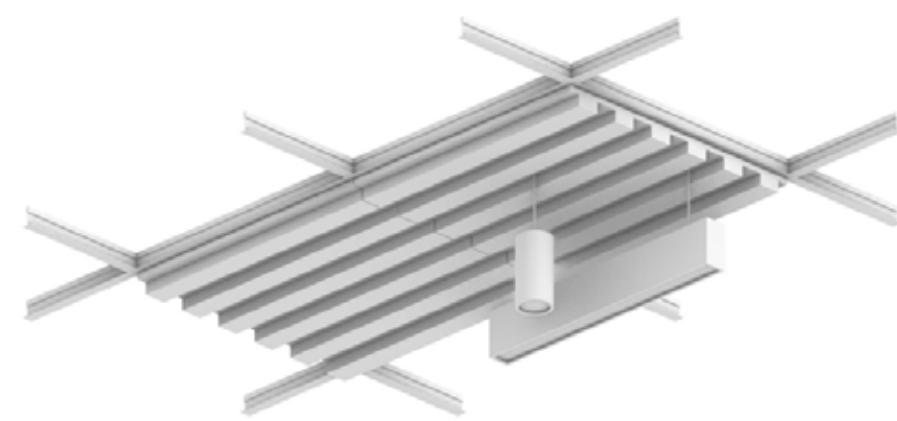


# Lighting Coordination

600 x 600mm & 600 x 1200mm Grid Light

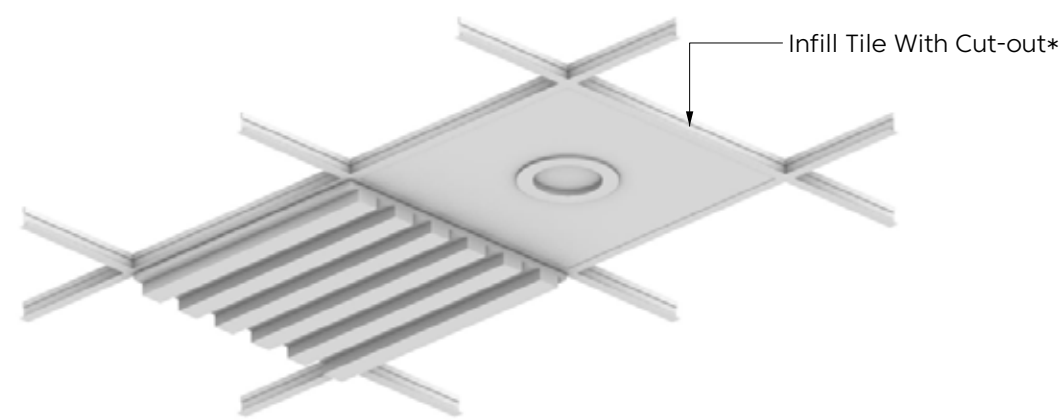


Drop Pendant Light



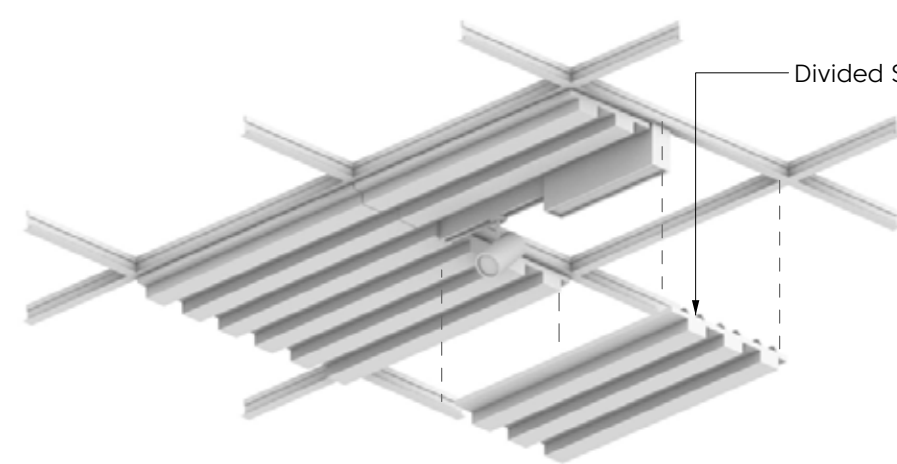
\* Cut On-Site (Between Slats)

Recessed Light



\*Cut On-Site

Grid Mounted Light (Track, Pendant)



\* Cut On-Site (Between Slats)

# FilaSorb™ Colorways

										
Peppercorn PE22	Currant CU59	Carrot CA08	Peach PE19	Flamingo FL61	Valentine VA70	Turmeric TU60	Wheat WH68	Kale KA12	Oregano OR18	Sencha SE58
										
Celery CE65	Eucalyptus EU71	Wasabi WA29	Pistachio PI25	Midnight MI16	Flint FL64	Granite GR62	Denim DE09	Iris IR10	Azur AZ05	Marine MA15
										
Stonewash ST72	Periwinkle PE23	Sea Salt SE57	Shiraz SH63	Piano Black PI24	Charcoal CH01	Slate SL27	Grey GR02	Metal ME03	Platinum PL04	Walnut WA56
										
Umber UM54	Amethyst AM69	Quartz QU67	Almond AL55	Ivory IV11	Pearl PE21	White WH12				

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

# WoodBeQuiet™ Prints



Picket Fence  
WQ01



Boat Shed  
WQ02



Wine Barrel  
WQ03



Log Cabin  
WQ04



Barn Door  
WQ05



Loft  
WQ06



White Elm  
WQ07



French Bobbin  
WQ08



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



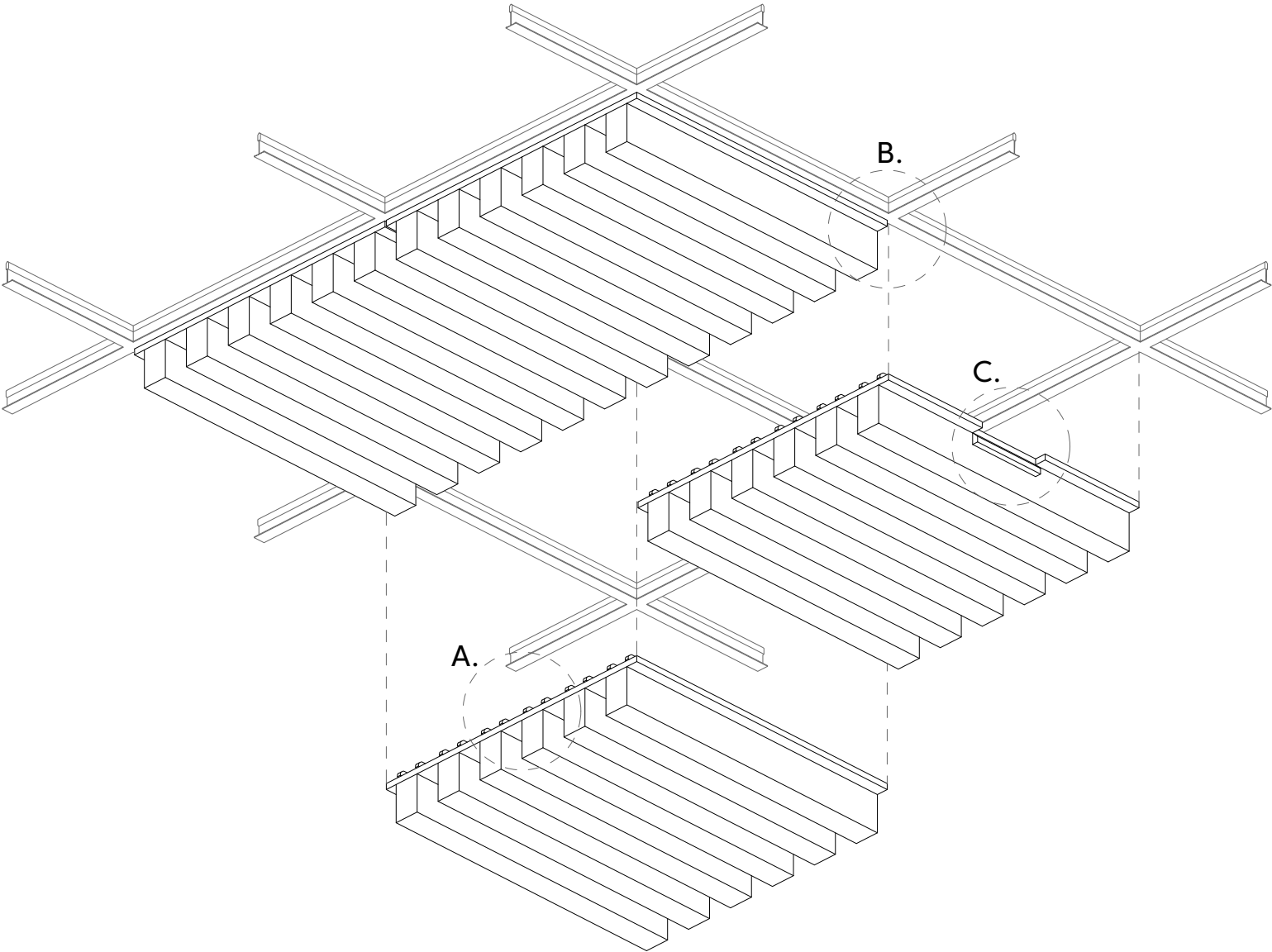
Knotty Spruce  
WQ29



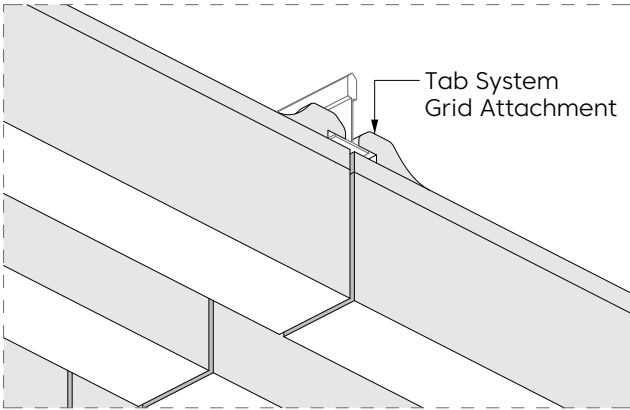
Lyed Larch  
WQ30



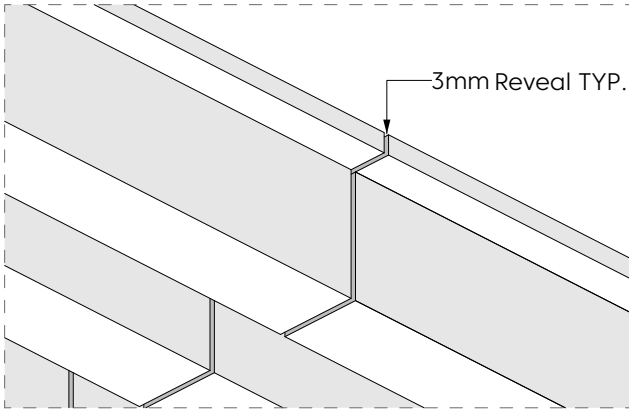
# Installation



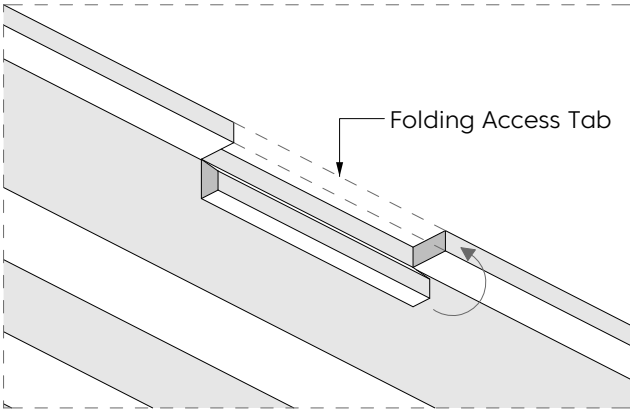
A. Suspension



B. Tolerance & Reveal



C. Ceiling Access



# Notes

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## 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.