acoufelt



SoftenUp, Foothill

Ceiling Frames

Premier Collection

SoftenUp™ modular ceiling tiles create a warm and welcoming atmosphere in any space. Foothill is designed for effortless installation and seamlessly fits into T-grid drop-ceiling systems. Each tile is comprised of a series of 5cm W linear slats. Foothill can be specified from three sizes and multiple colors allowing for more creative and personalized installations.

Specifications

Surface	Ceiling	
Material	FilaSorb™ polyester felt	
Weight	2400gsm	
Standard Sizes	**Slat Profiles** 50mm W x 76mmH	**Backer Panels** 600 W x 600mm L 600 W x 1200mm L
Compatible T-grid	**Type** 24mm Flat 15mm Flat	**Layout** Standard 600mm x 600mm Standard 600mm x 600mm



SoftenUp, Foothill Ceiling Frames in Slate

Technical

NRC Rating	0.95*
Fire Test	AS ISO 9705:2003 (according to AS 5637.1:2015 requirements) Group 1 0.93
Water Sorption	ASTM C1104-2019 (A Modified) Water sorbed by weight: 0.20% (based on a 12mm thick panel)
Colorfastness	ISO 105-B02, 6-7

** Test results available upon request.*

Details

Lead Time	Refer to Product Lead Time Matrix
Origin	Australia
Warranty	Product: 20 years* Colorfastness: 20 years*

** Conditions apply*

Environmental

Recycled Content	Minimum 60%
Energy	Generated using 40% solar energy
Indoor Air Quality	VOC less than/equal to 0.5mg/m3
Recyclable	100%*
Certifications	Environmental Product Declaration Declare Certification - LBC Red List Free (third-party verified) SCS Global Indoor Advantage Gold

** PET is recyclable through participating partners.*

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Colorways

White
WH12


Milkyway
MI74


Ivory
IV11

Pearl
PE21


Valentine
VA70


Quartz
QU67


Stonewash
ST72


Sea Salt
SE57


Platinum
PL04


Almond
AL55


Pistachio
PI25


Turmeric
TU60


Flamingo
FL61


Amethyst
AM69


Periwinkle
PE23


Peacock
PE20


Metal
ME03


Mushroom
MU75


Celery
CE65


Wheat
WH68


Peach
PE19


Lilac
LI13


Marine
MA15


Sencha
SE58


Grey
GR02


Umber
UM54


Wasabi
WA29


Popcorn
PO26


Currant
CU59


Berry
BE06


Azure
AZ05


Oregano
OR18


Charcoal
CH01


Walnut
WA56

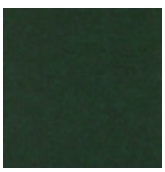

Eucalyptus
EU71


Carrot
CA08


Loganberry
LO77


Granite
GR62


Denim
DE09


Kale
KA12

Piano Black
PI24

Slate
SL27

Nori
NO76

Peppercorn
PE22

Shiraz
SH63

Flint
FL64

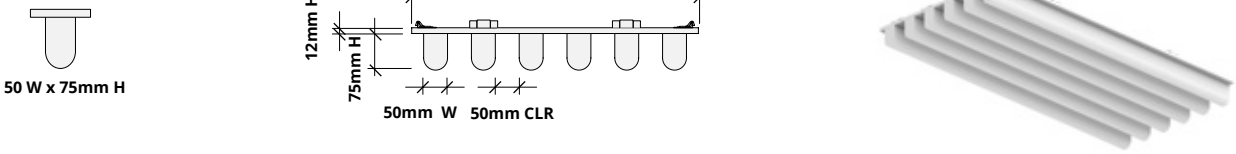
Midnight
MI16

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How to Specify

1. Choose Slat Size | **2. Choose Backer Panel Size** | **3. Choose Colorways** | **4. Optional Corner Panel**

Slats are available in one size:

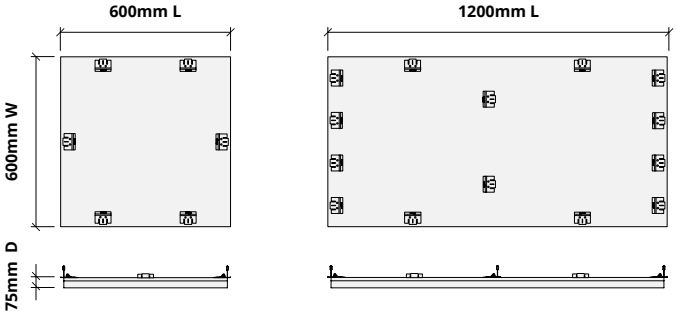


Drawings show spacing for 50mm W slats. Spacing for 100mm W slats will differ. Product ships assembled.

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1. Choose Slat Size | **2. Choose Backer Panel Size** | **3. Choose Colorways** | **4. Optional Corner Panel**

Backer panels are available in two sizes.

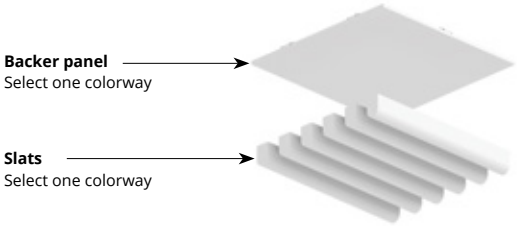


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1. Choose Slat Size | **2. Choose Backer Panel Size** | **3. Choose Colorways** | **4. Optional Corner Panel**

Select one colorway for your slats and one colorway for your backer panel.
See colorway choices on page 3.

If you're specifying dark colored backer panels, we recommend dark drop ceiling grids (not provided).

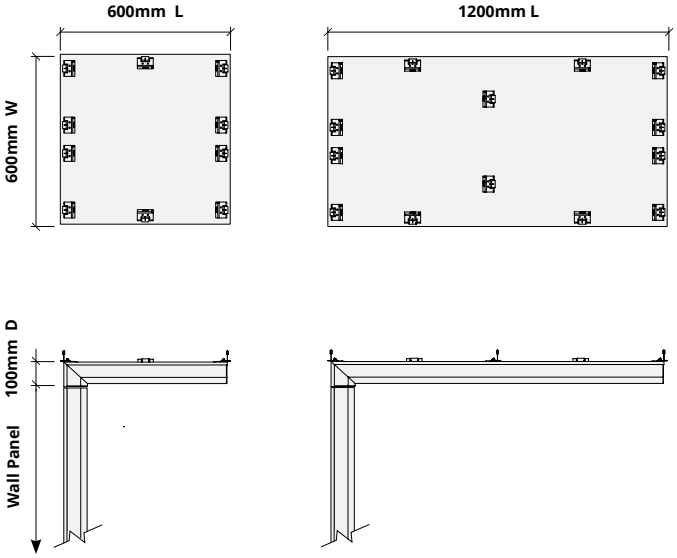


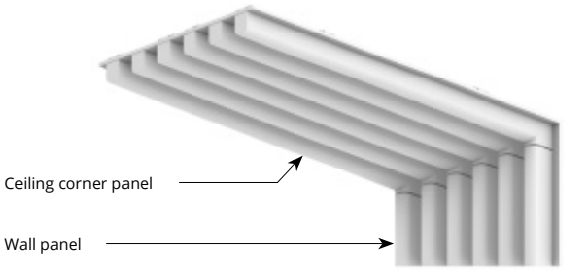
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How to Specify *(cont.)*

1. Choose Slat Size | **2. Choose Backer Panel Size** | **3. Choose Colorways** | **4. Optional Corner Panel**

SoftenUp acoustical ceiling panels can be seamlessly integrated with corresponding wall panels by specifying the corresponding corner piece.



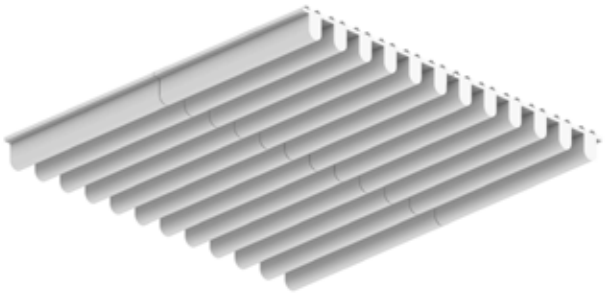


See corresponding SoftenUp, Foothills wall panel specification sheet for additional information.

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Recommended Layouts

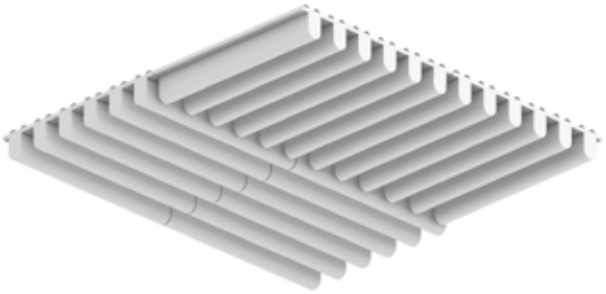
Layout 1



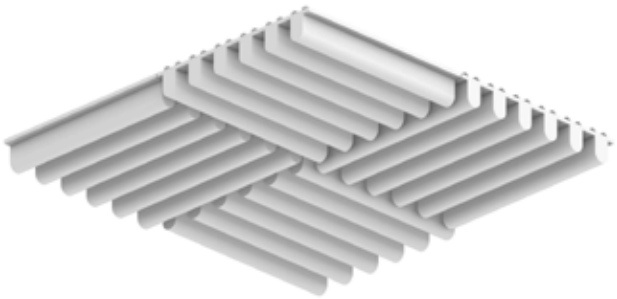
Layout 2



Layout 3



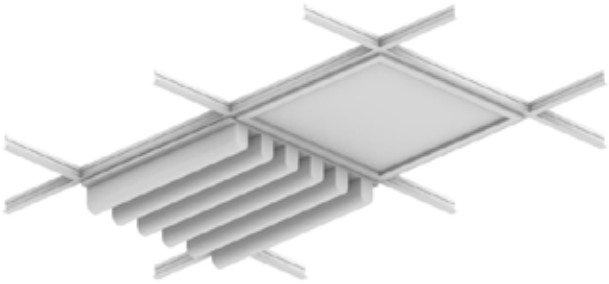
Layout 4



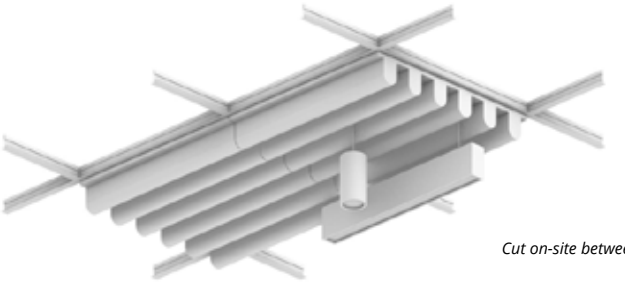
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Lighting Coordination

600mm x 600mm, 600mm x 1200mm Grid light

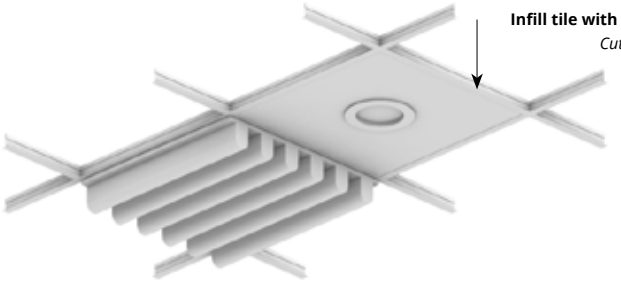


Drop pendant light

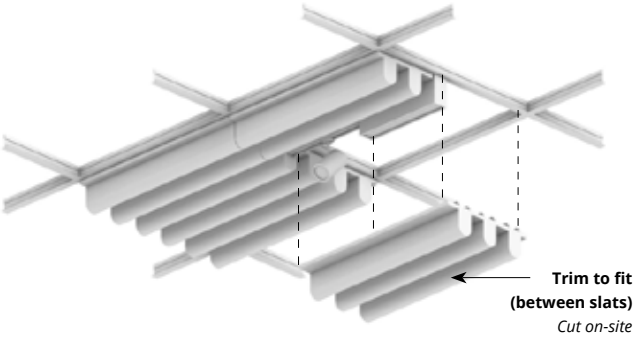


Cut on-site between slats

Recessed light



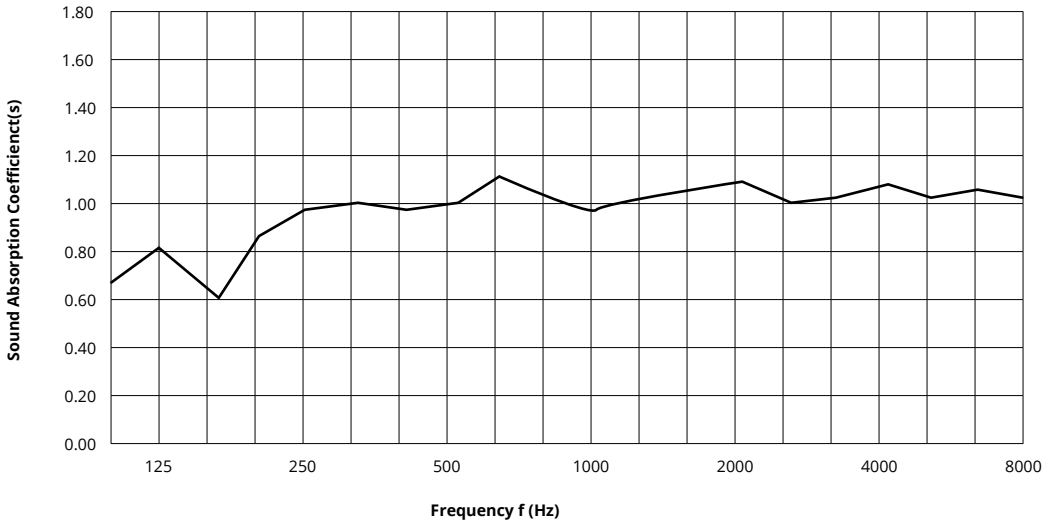
Grid mounted light (track, pendant)



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Acoustic Performance

Test Method	ASTM E795
Install Method	Type E-400
Rating Method	ASTM C423
Mounting Method	50mm W x 76mm H slat on 12mm backer with 400mm air gap
Test Results	NRC 0.95 SAA 0.96



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

What is a Noise Reduction Coefficient (NRC)?

You'll find the NRC rating in the specifications of all of our products. This acronym stands for Noise Reduction Coefficient, and is expressed as a single number, a rating that describes the degree to which acoustic products can absorb sound.

You can use NRC values to understand the overall performance of our acoustic wall and ceiling products. The higher the NRC, the better the product is at soaking up the sound.

Performance Indices: Noise Reduction Coefficient (NRC) results represent the absorption coefficients measured at the one third octave 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. Customization 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.

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Notes

Suspension

The SoftenUp ceiling tiles are 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 accomodate any existing 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.*

Weight

- 76mm H slat weight = 9.7kg per m2
- 25mm H slat weight = 6.1kg per m2

Clearance/Tolerance

When installed, SoftenUp tiles have a consistent 3.175mm reveal to account for any on-site tolerance concerns. Panels have a method for tile alignment integrated into the design.

MEP/FP

The panels can be trimmed on-site, using a sharp utility knife, to accomodate any MEP/FP fixtures. These include, but are 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 independant of tiles.

**Panels cut on-site may require additional support.*

Ceiling Access

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

Seismic

SoftenUp ceiling 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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