acoufelt



# SoftenUp, Foothill

## Ceiling Frames

WoodGrain 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 50mm 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** | 2400 gsm | |
| **Standard Sizes** | **Slat Profiles**<br>50mm W x 75mm H<br>*Custom sizes available* | **Backer Panels**<br>600mm W x 600mm L<br>600mm W x 1200mm L |
| **Compatible T-grid** | **Type**<br>24mm Flat<br>15mm Flat | **Layout**<br>Standard 600mm x 600mm<br>Standard 600mm x 600mm |



**SoftenUp, Foothill Ceiling Frames in White Oak**

## Technical

| | |
|---|---|
| **NRC Rating** | 0.95* |
| **Fire Test** | AS ISO 9705:2003<br>(according to AS 5637.1:2015 requirements)<br>Group 1<br>0.93 |
| **Water Sorption** | ASTM C1104-2019 (A Modified)<br>Water sorbed by weight: 0.20%<br>(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*<br>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** | Declare Certification - LBC Red List Free<br>(third-party verified)<br>SCS Global Indoor Advantage Gold |

** PET is recyclable through participating partners.*



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# Colorways

**WOODGRAIN**



**Picket Fence**
WQ01



**Loft**
WQ06



**White Elm**
WQ07



**Lyed Larch**
WQ30



**White Oak**
WQ13



**Baltic Birch**
WQ12



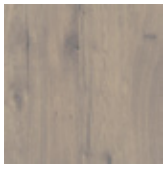
**Knotty Spruce**
WQ29



**French Bobbin**
WQ08



**Boat Shed**
WQ02



**Nordic Plank**
WQ15



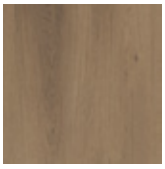
**Boardwalk**
WQ10



**Mocha Legno**
WQ25



**Mountain Lodge**
WQ24



**Wine Barrel**
WQ03



**Log Cabin**
WQ04



**Natural Oak**
WQ16



**Woodland Fog**
WQ22



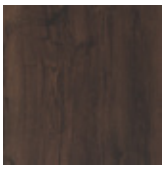
**Driftwood**
WQ21



**Weathered Slate**
WQ14



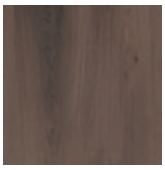
**Petrified Ash**
WQ23



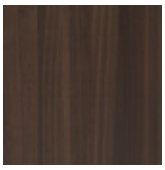
**Antique Chest**
WQ11



**European Larch**
WQ17



**Fumed Oak**
WQ19



**Teak**
WQ18



**Charred Larch**
WQ09



**Shadow Oak**
WQ28



**Barn Door**
WQ05



**Black Walnut**
WQ20



**Scorched Timber**
WQ26



**Espresso Oak**
WQ27

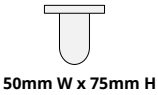


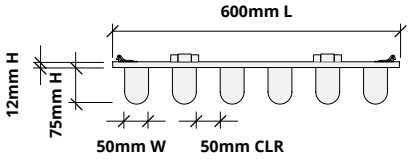
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# How to Specify

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

Slats are available in one size:



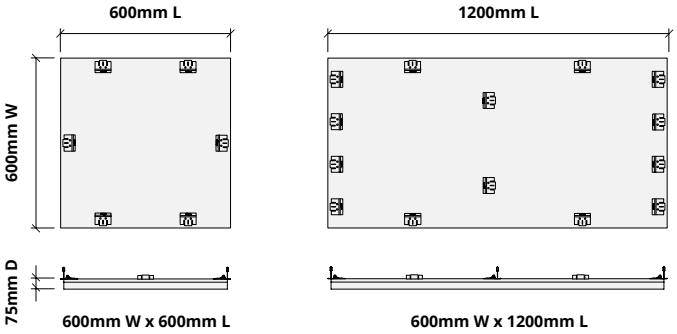






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**1. Choose Slat Size** | **2. Choose Backer Panel Size** | **3. Choose Colorways** | **4. Optional Corner Panel**

Backer panels are available in three sizes.

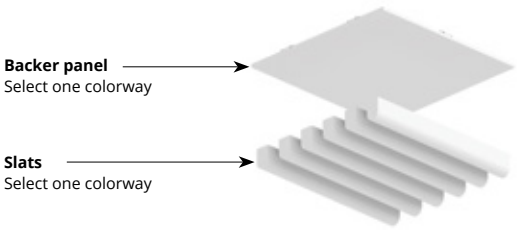



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**1. Choose Slat Size** | **2. Choose Backer Panel Size** | **3. Choose Colorways** | **4. Optional Corner Panel**

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).*




For questions or additional product information,
visit **acoufelt.com.au or call 1800 626 462**

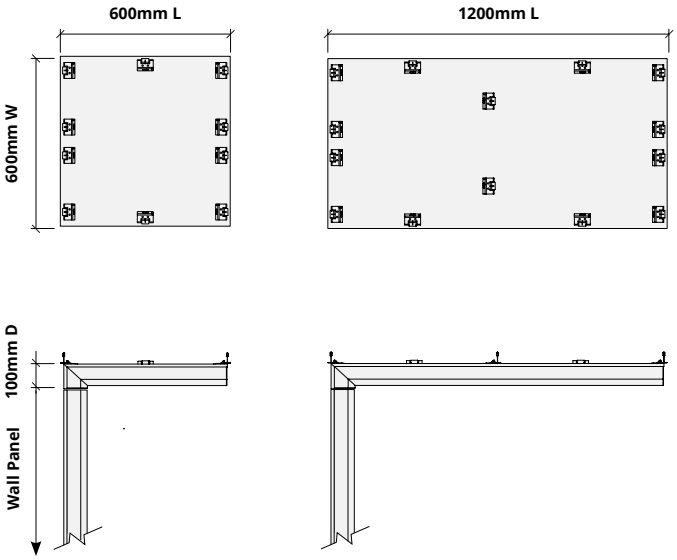


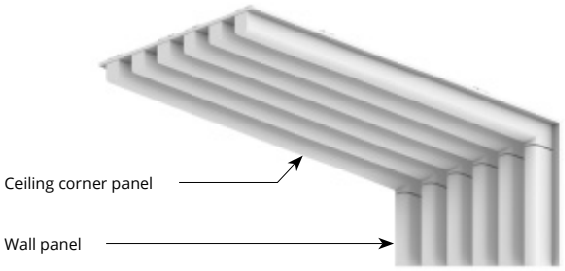
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# How to Specify *(cont.)*

**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.



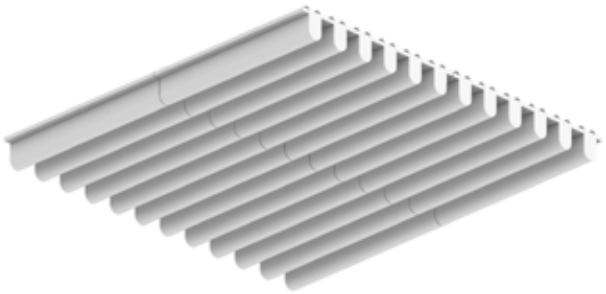

*See corresponding SoftenUp, Foothills wall panel specification sheet for additional information.*



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# Recommended Layouts

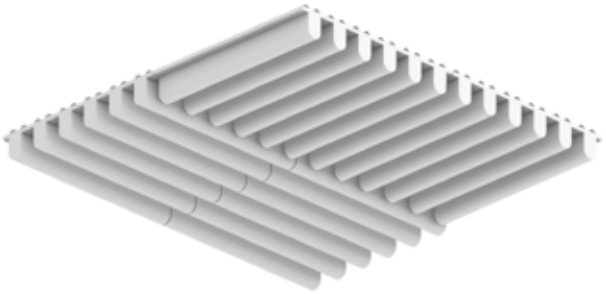
**Layout 1**



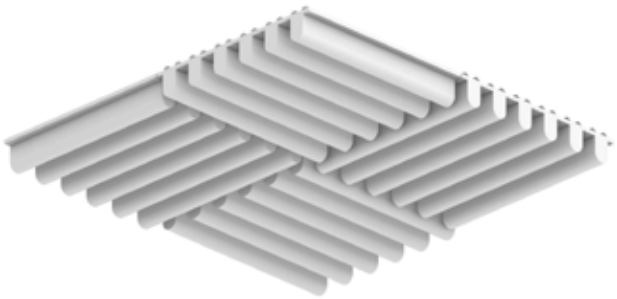
**Layout 2**



**Layout 3**



**Layout 4**

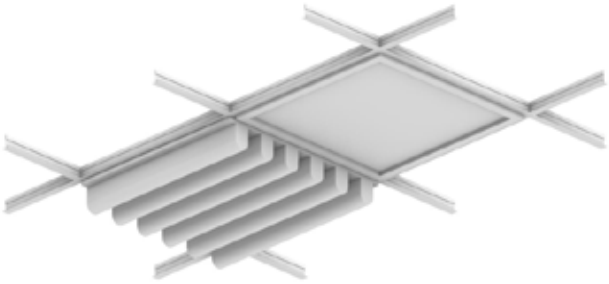




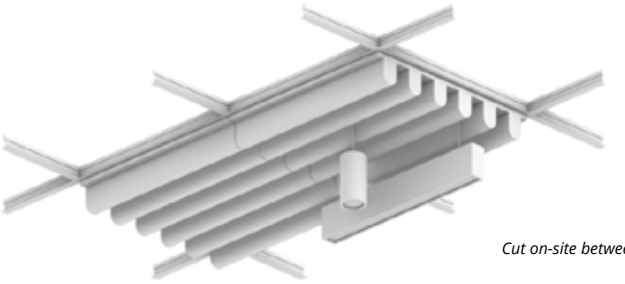
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# Lighting Coordination

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

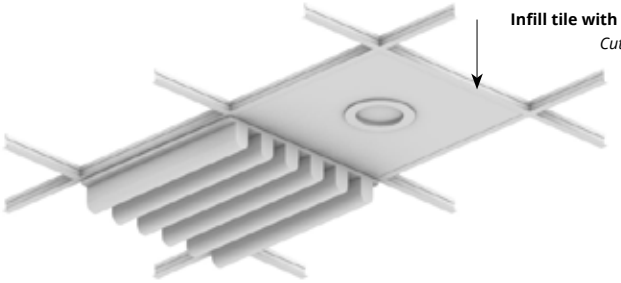


**Drop pendant light**

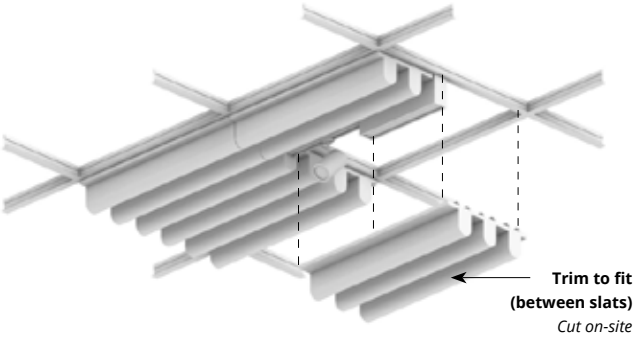


*Cut on-site between slats*

**Recessed light**




**Grid mounted light (track, pendant)**

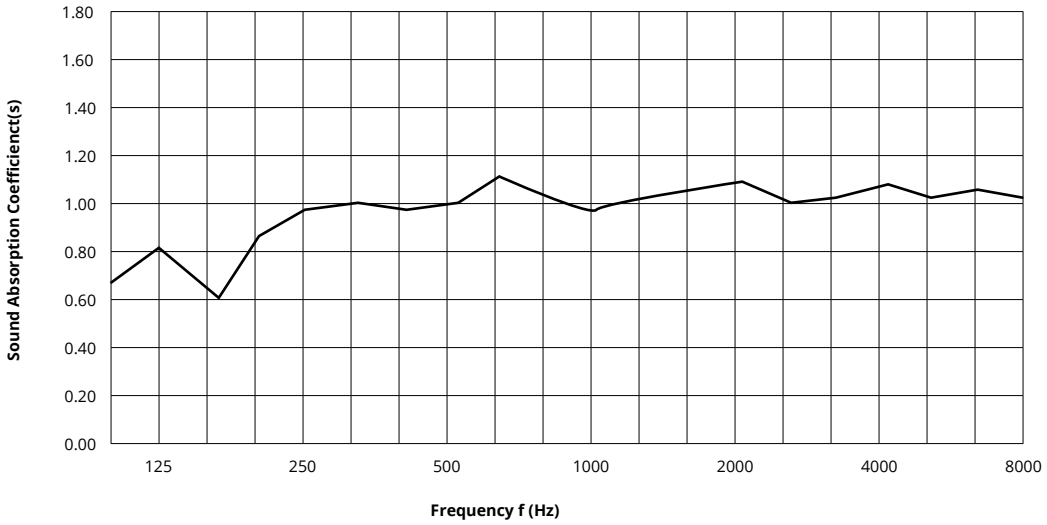





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# Acoustic Performance

| | |
|---|---|
| **Test Method** | ASTM E795 |
| **Install Method** | Type E-400 |
| **Rating Method** | ASTM C423 |
| **Mounting Method** | 50mm W x 75mm H slat on 12mm backer with 400mm air gap |
| **Test Results** | NRC 0.95<br>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

- 75mm H slat weight = 9.75kg per m2
- 25mm H slat weight = 6.1kg per m2

## 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 us for details.*

## 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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