



filzfelt

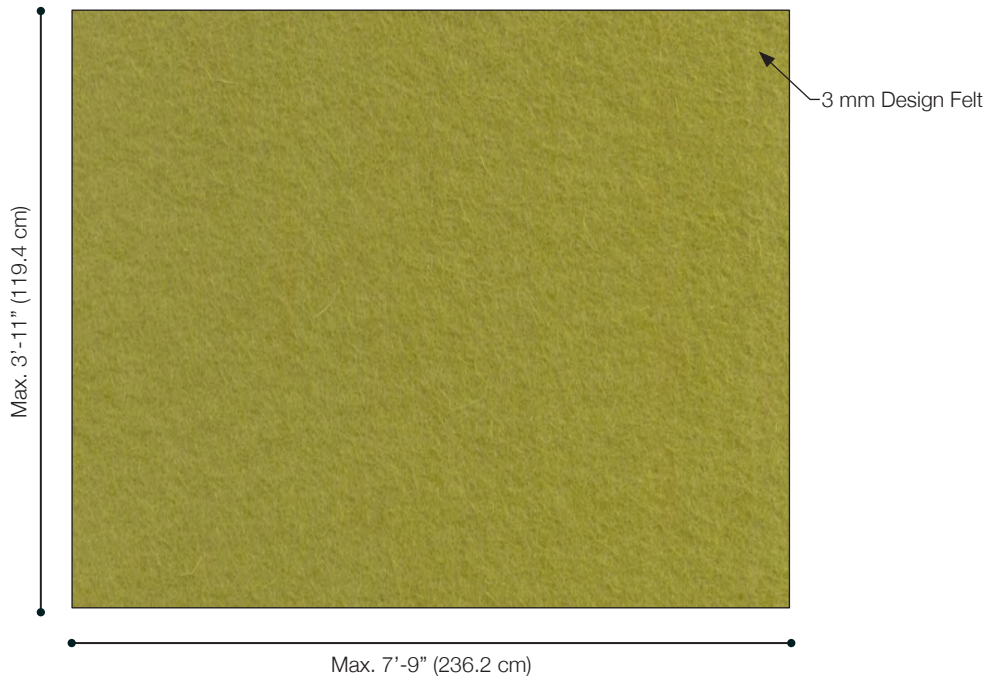
Akustika 25 Ceiling



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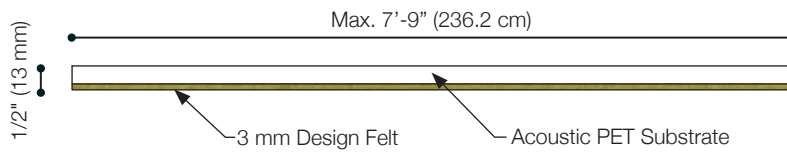


Akustika 25 Ceiling offers a surface-mounted acoustic solution that can softly fade into the background or create an unexpected pop of color and texture. 3mm Wool Design Felt is flush-mounted to one side of the substrate and achieves a 0.7 Noise Reduction Coefficient (NRC) rating. Available in 63 colors of 3mm Wool Design Felt, Akustika Ceiling is available with the Interlock Mounting System that allows for a quick and easy installation, even in an occupied space.



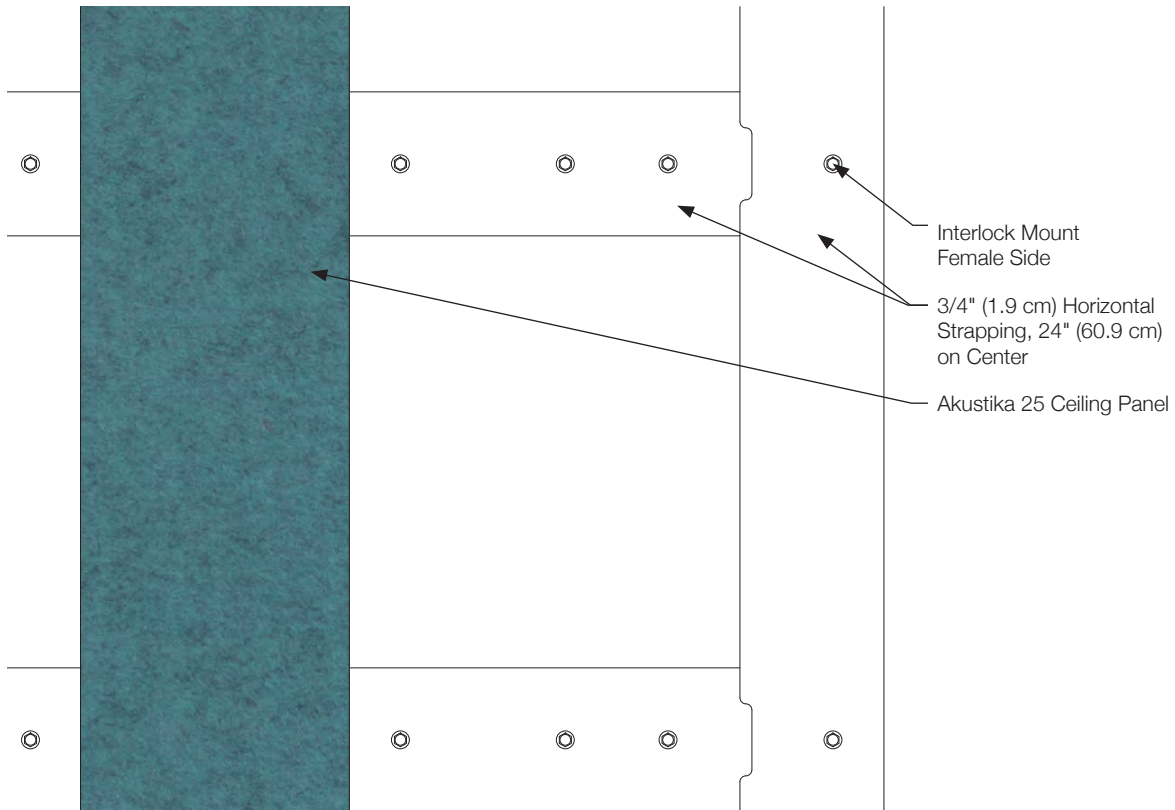
## 1 Reflected Ceiling Plan

Scale: Not To Scale



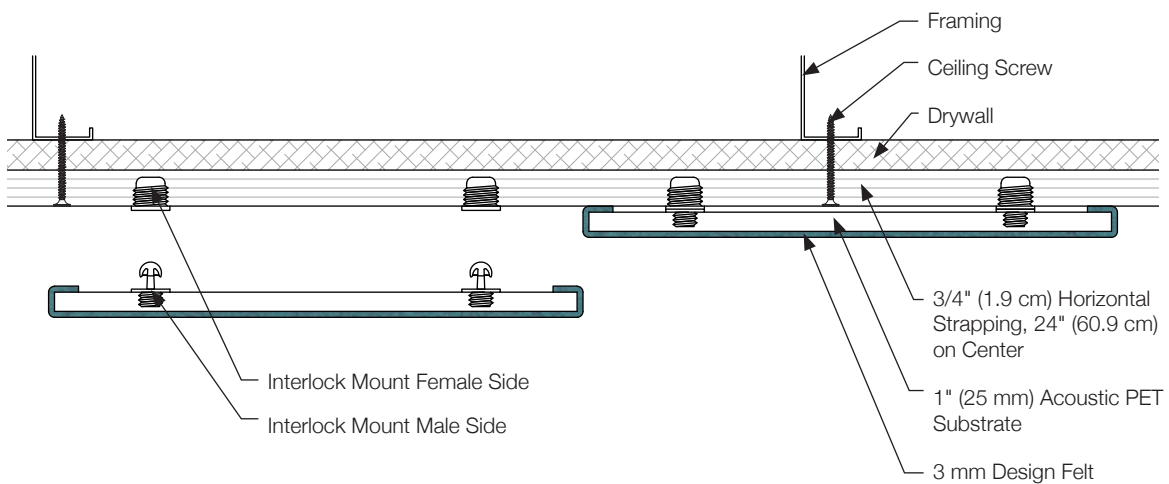
## 2 Side Elevation with Exposed Edge

Scale: Not To Scale



## 1 Reflected Ceiling Plan with Interlock Mounting

Scale: 1 1/2" = 1'-0"



## 2 Section Detail with Interlock Mounting

Scale: 3" = 1'-0"

# Specifications

<b>Name</b>	Akustika 25 Ceiling
<b>Construction</b>	100% Wool Design Felt + Acoustic Substrate (60% Recycled PET, 40% Virgin PET)
<b>Felt Thickness</b>	3 mm (1/8 in)
<b>Panel Thickness</b>	28 mm (1 in)
<b>Minimum Size</b>	2'-0" x 3'-0" (60 x 90 cm)
<b>Maximum Size</b>	3'-11" x 7'-9" (119.4 x 236.2 cm)
<b>Edge</b>	Exposed
<b>Components</b>	Includes one panel + mounting hardware (Ceiling screws not included.) Standard pricing applies to square or rectangular shapes only.
<b>Mounting</b>	Interlock Mounting System
<b>Maintenance</b>	Vacuum occasionally to remove general air-borne debris. Should soiling occur, clean with a mild, water-free dry cleaning solvent.
<b>Durability</b>	Contract or residential
<b>Lead Time</b>	Akustika is made to order and certain lead times will apply.
<b>Acoustics</b>	ASTM C 423: NRC – 0.80, SAA – 0.80
<b>Colorfastness to Light</b>	Class 4-5 (40 hours)
<b>Colorfastness to Crocking</b>	Class 3-4 (wet), Class 4-5 (dry)
<b>Flammability</b>	ASTM E 84 Class A

## Standard Felt Colors



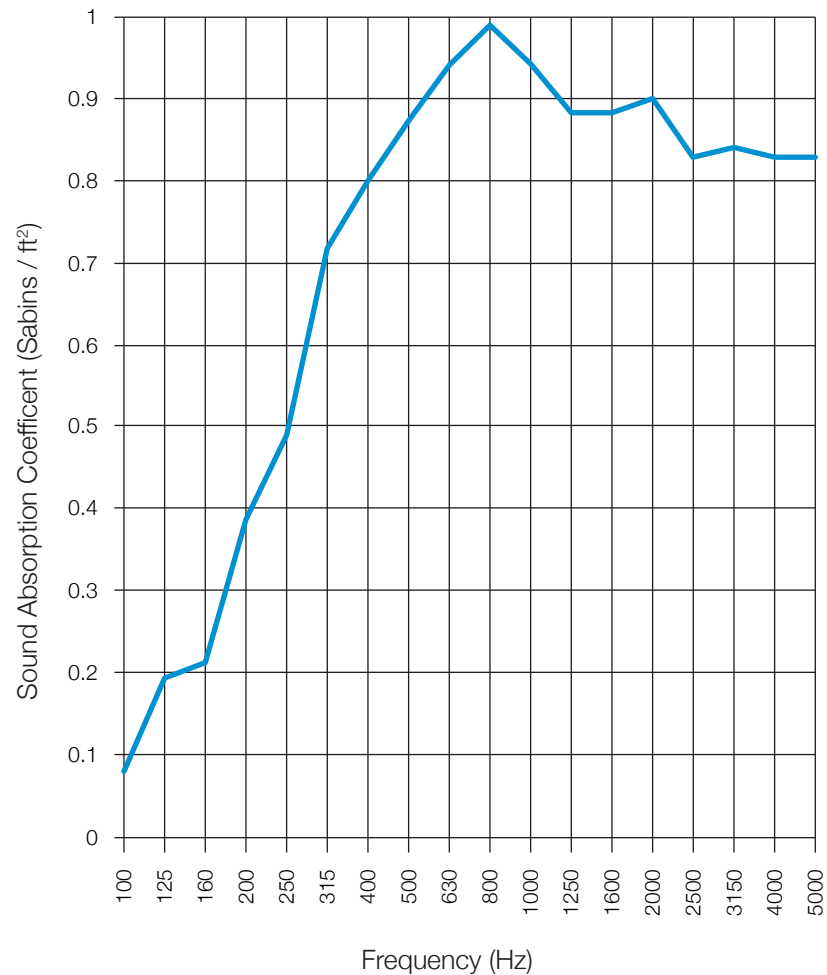
## Substrate Color



## Sound Absorption Results

Frequency (Hz)	Sound Absorption Coefficient (Sabins / ft <sup>2</sup> )
100	0.08
125	0.19
160	0.21
200	0.38
250	0.48
315	0.72
400	0.80
500	0.87
630	0.94
800	0.99
1000	0.94
1250	0.88
1600	0.88
2000	0.90
2500	0.83
3150	0.84
4000	0.83
5000	0.83

SAA = 0.80  
NRC = 0.80



### Test Report Akustika 25 Ceiling

For Akustika 25 Ceiling, the test report quotes the frequency dependent sound absorption data as well as the single number ratings. Data taken from Test Report RAL™-A14-203 conducted by Riverbank Acoustical Laboratories. Complete test results are available upon request.