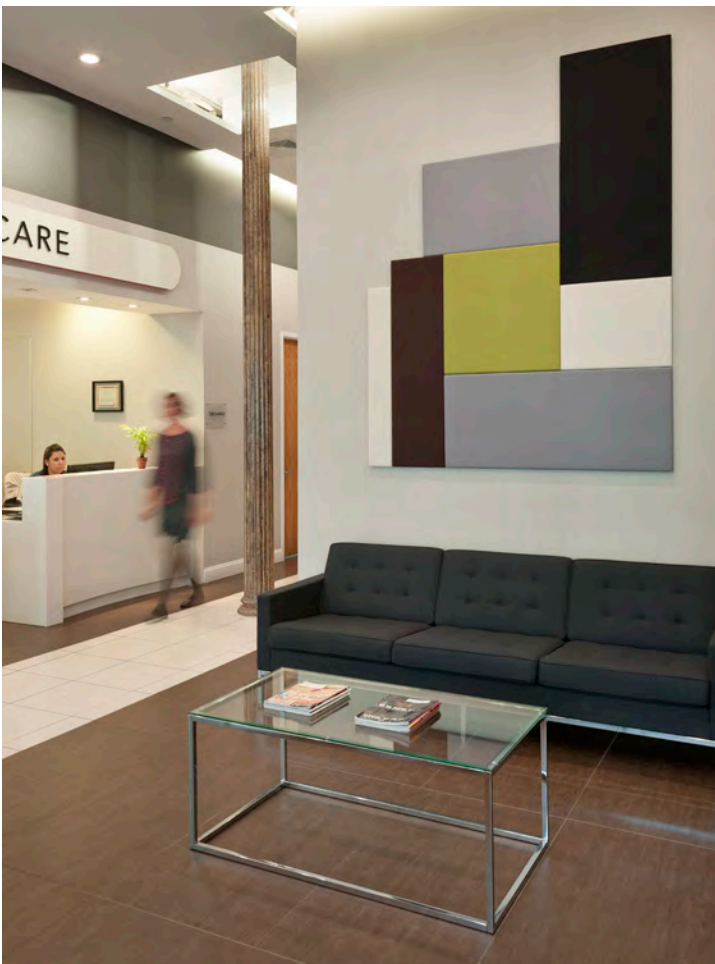
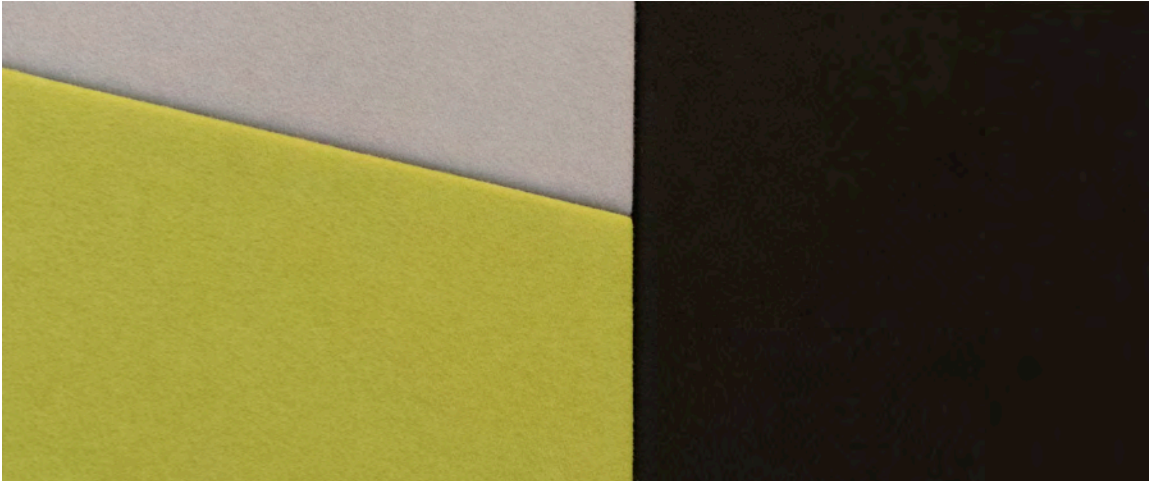




filzfelt

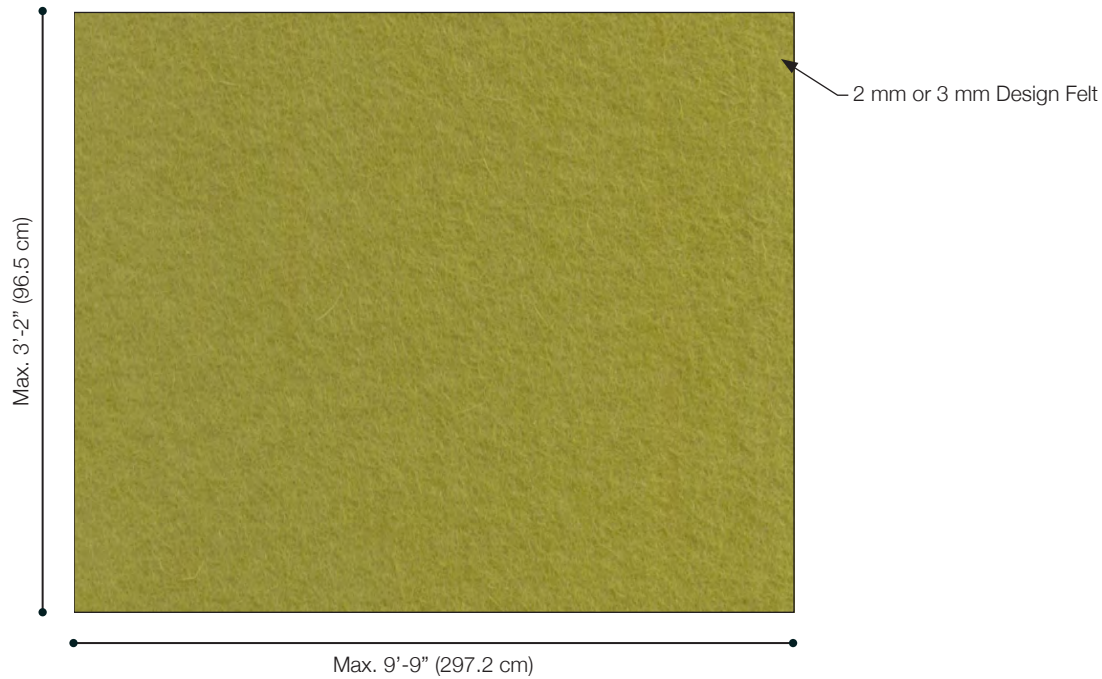
Akustika 10 Wall

Akustika 10 Wall

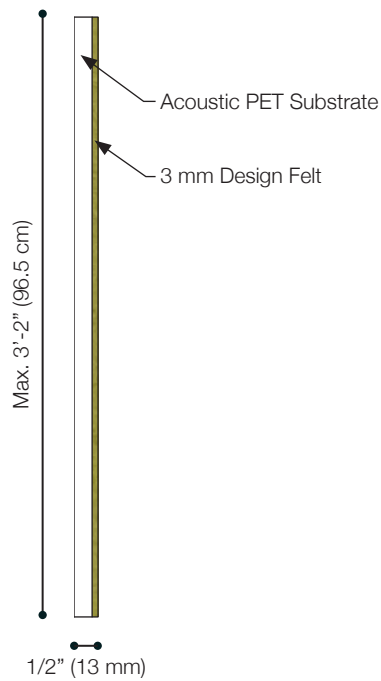


Akustika 10 Wall is a wall-mounted acoustic system with 3mm Wool Design Felt flush-mounted to one side of an ultra-thin acoustic substrate. Available in 63 colors of 3mm Wool Design Felt and customizable sizes, Akustika Wall achieves up to a 0.75 Noise Reduction Coefficient (NRC) with exposed or wrapped edge. The system ships complete with Interlock Mounting System or standard Z-Clips for easy hanging.

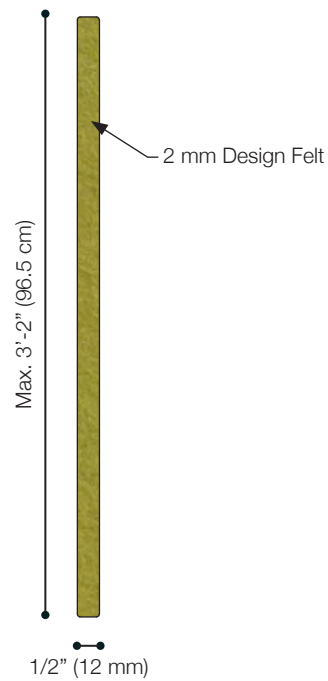
Drawings



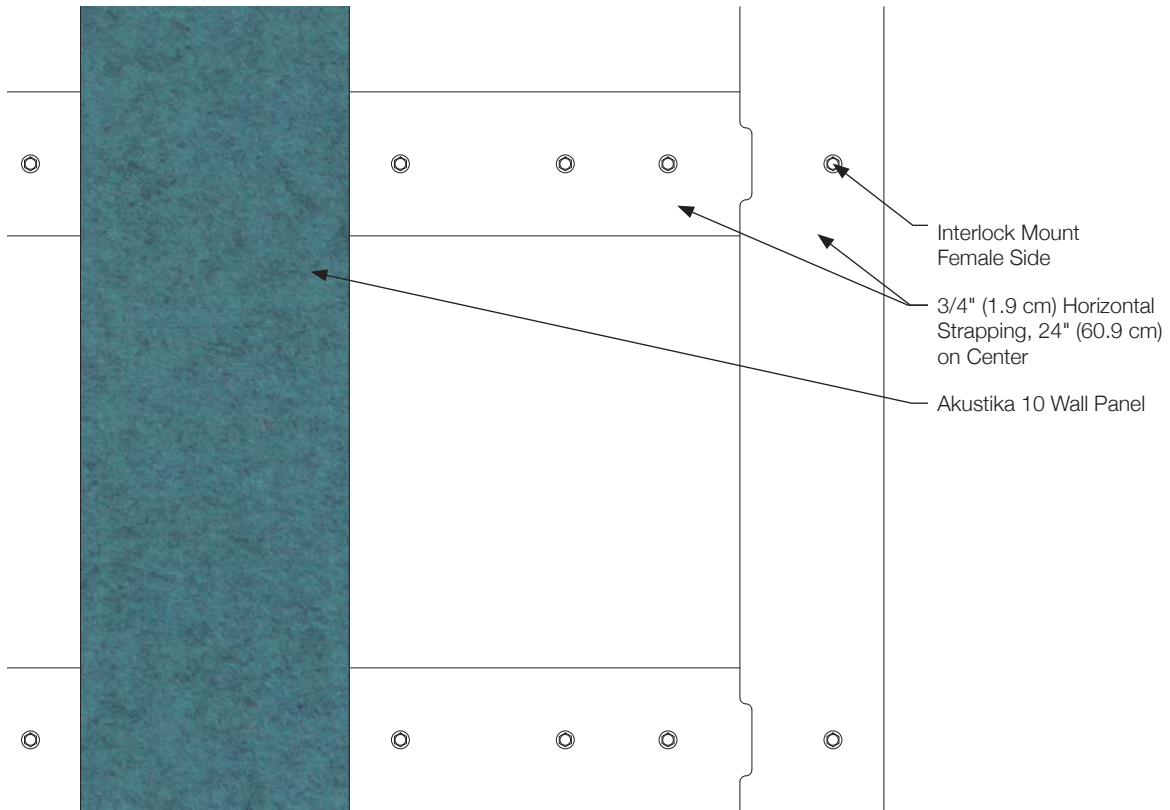
1 Front Elevation
Scale: Not To Scale



2 Side Elevation with Exposed Edge
Scale: Not To Scale

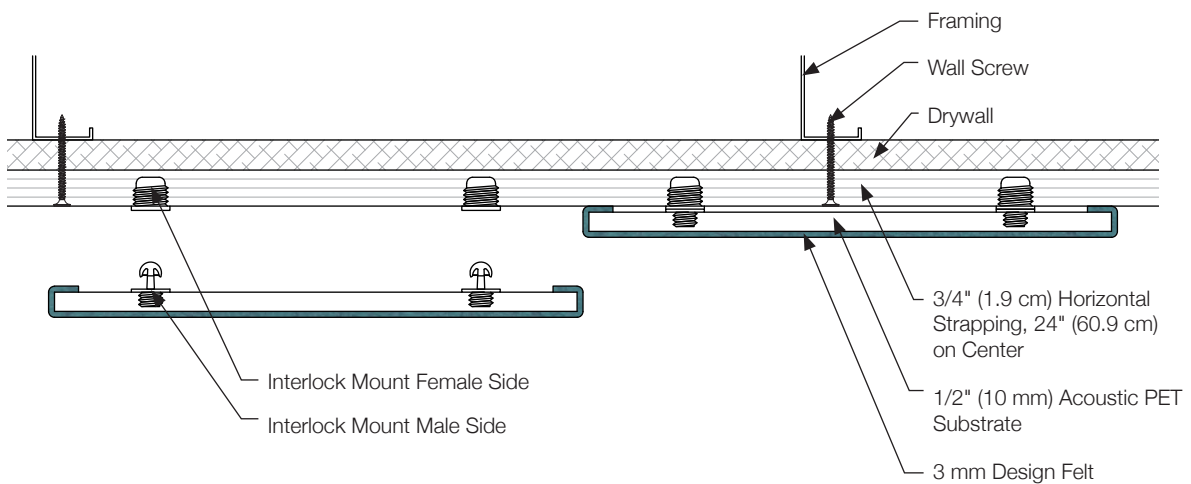


3 Side Elevation with Wrapped Edge
Scale: Not To Scale



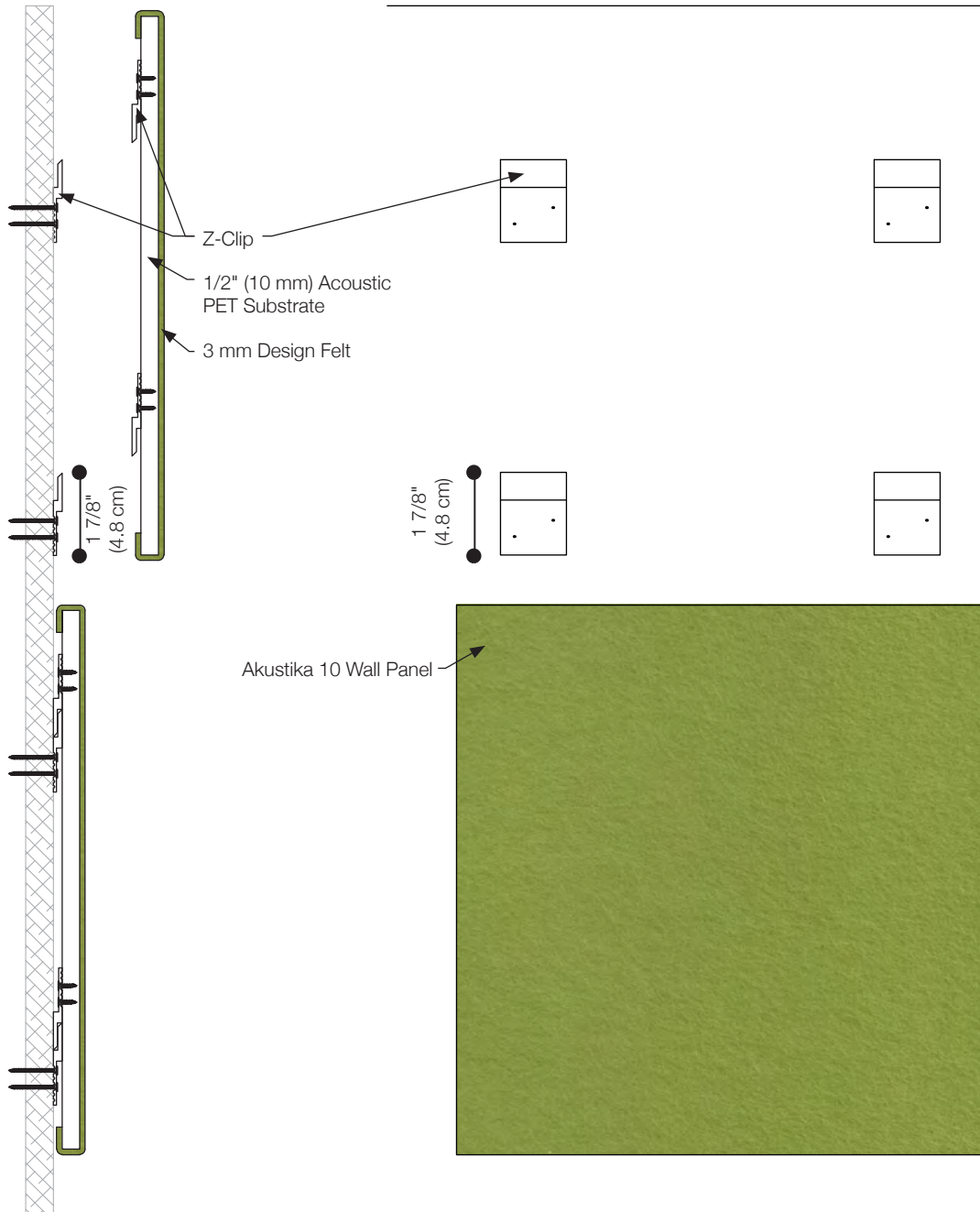
1 Elevation with Interlock Mounting

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



2 Plan Detail with Interlock Mounting

Scale: 3" = 1'-0"



1 Section with Z-Clip Mounting
 Scale: 3" = 1'-0"

2 Elevation with Z-Clip Mounting
 Scale: 3" = 1'-0"

Specifications

Name	Akustika 10 Wall
Construction	100% Wool Design Felt + Acoustic Substrate (100% Virgin PET)
Felt Thickness	3 mm (1/8 in)
Panel Thickness	13 mm (1/2 in)
Minimum Size	2'-0" x 3'-0" (60 x 90 cm)
Maximum Size	3'-2" x 9'-9" (96.5 x 297.2 cm)
Edge	Exposed or Wrapped
Components	Includes one panel + mounting hardware (wall attachment hardware is not included.) Standard pricing applies to square or rectangular shapes only.
Mounting	Interlock Mounting System or Z-Clips
Maintenance	Vacuum occasionally to remove general air-borne debris. Should soiling occur, clean with a mild, water-free dry cleaning solvent.
Durability	Contract or residential
Lead Time	Akustika is made to order and certain lead times will apply.
Acoustics	ASTM C 423: NRC – 0.75, SAA – 0.75 (Interlock Mounting System) or NRC – 0.60, SAA – 0.57 (Z-Clip)
Colorfastness to Light	Class 4-5 (40 hours)
Colorfastness to Crocking	Class 3-4 (wet), Class 4-5 (dry)
Flammability	ASTM E 84 Class A

Standard Felt Colors



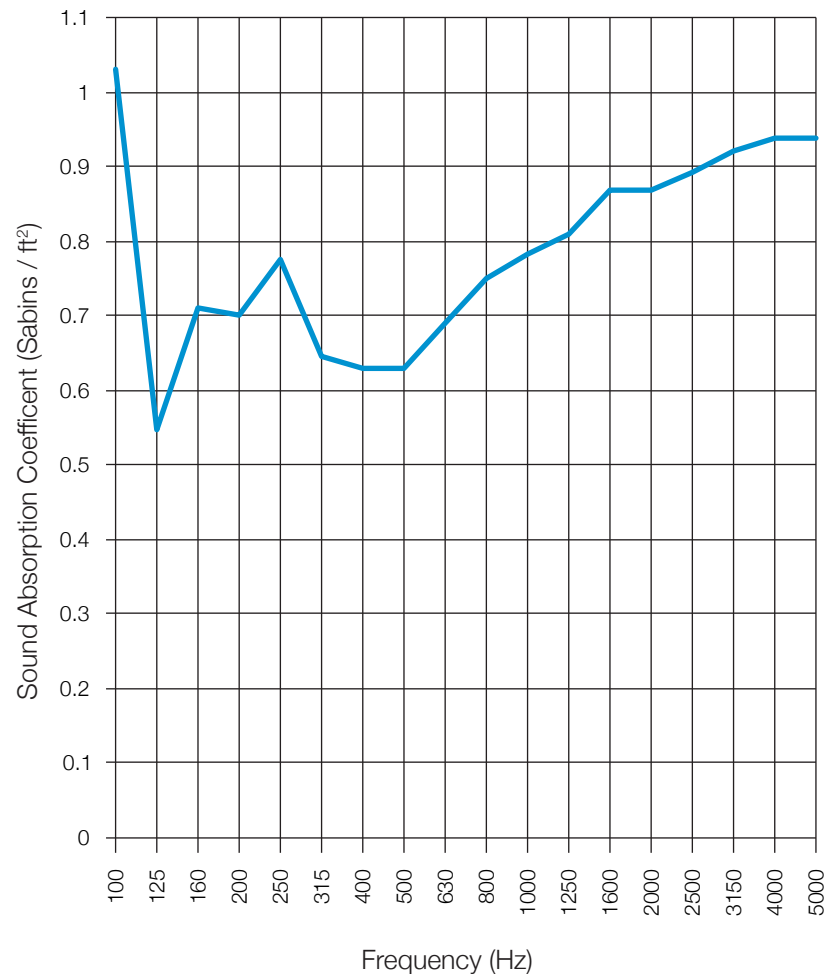
Substrate Color



Sound Absorption Results

Frequency (Hz)	Sound Absorption Coefficient (Sabins / ft ²)
100	1.03
125	0.54
160	0.71
200	0.70
250	0.77
315	0.65
400	0.63
500	0.63
630	0.69
800	0.75
1000	0.78
1250	0.81
1600	0.87
2000	0.87
2500	0.89
3150	0.92
4000	0.94
5000	0.94

SAA = 0.75
NRC = 0.75



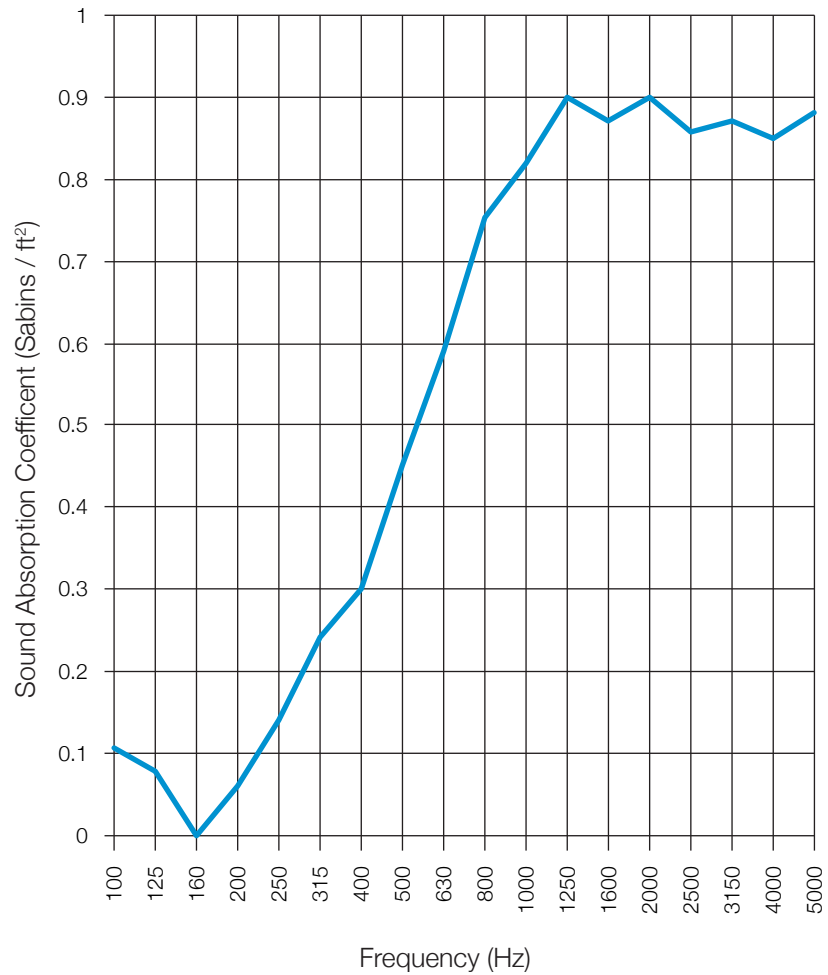
Test Report Akustika 10 Wall

For Akustika 10 Wall with Interlock Mounting System Installation, the test report quotes the frequency dependent sound absorption data as well as the single number ratings. Data taken from Test Report RAL™-A14-152 conducted by Riverbank Acoustical Laboratories. Complete test results are available upon request.

Sound Absorption Results

Frequency (Hz)	Sound Absorption Coefficient (Sabins / ft ²)
100	0.11
125	0.08
160	0.00
200	0.06
250	0.14
315	0.24
400	0.30
500	0.45
630	0.59
800	0.76
1000	0.82
1250	0.90
1600	0.87
2000	0.9
2500	0.86
3150	0.87
4000	0.85
5000	0.88

SAA = 0.57
NRC = 0.60



Test Report Akustika 10 Wall

For Akustika 10 Wall with Z-Clip Installation, the test report quotes the frequency dependent sound absorption data as well as the single number ratings. Data taken from Test Report RAL™-A14-156 conducted by Riverbank Acoustical Laboratories. Complete test results are available upon request.