



ARO Shingle 1

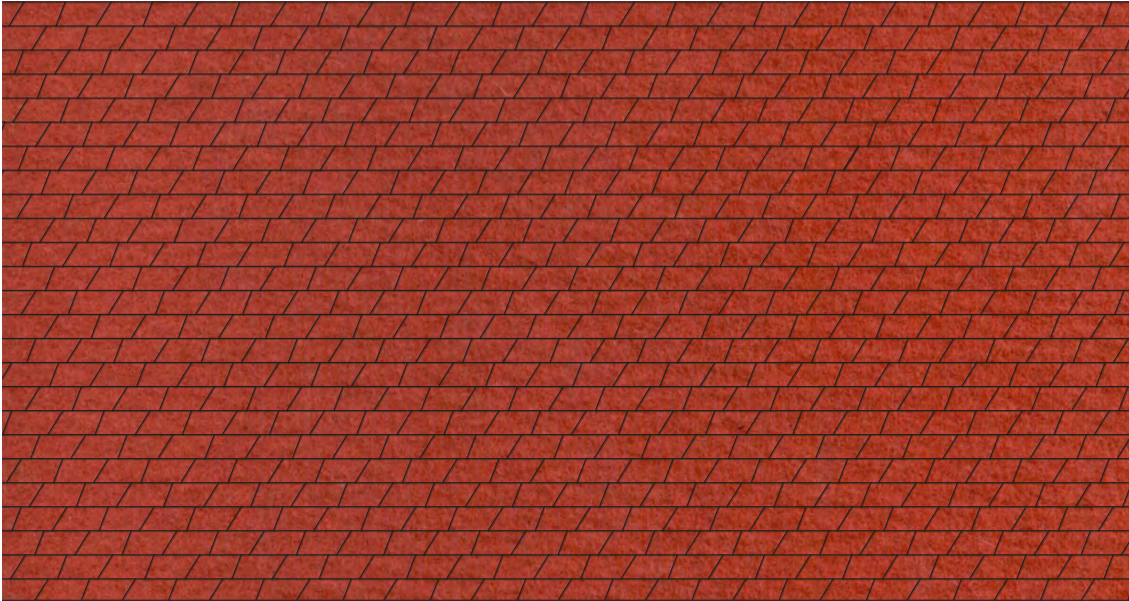
ARO Shingle 1



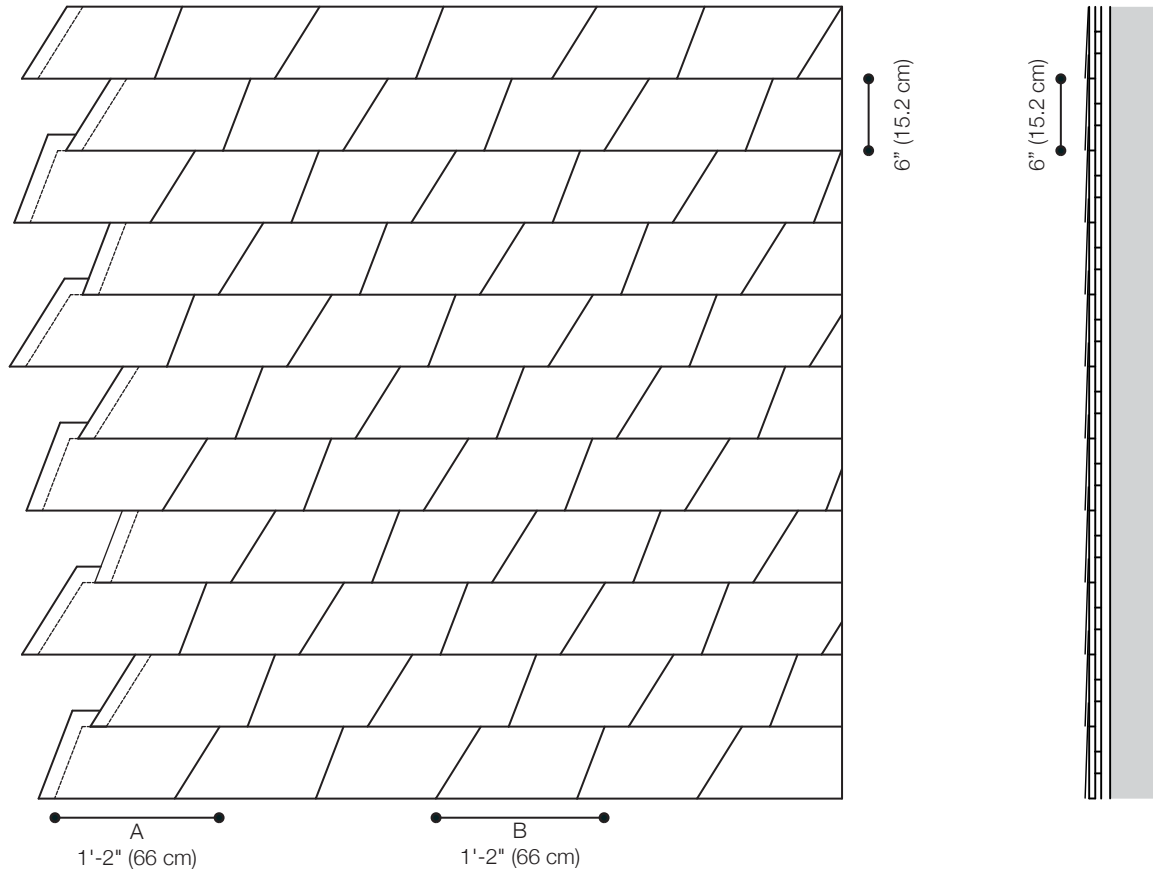
ARO Shingle 1 is a wall system composed of individual courses that create a continuous, shingled effect when patterned across a larger surface. ARO Shingle 1 has two distinct tile profiles and the tile rows are offset to create multiple pattern readings. The tiles overlap each other vertically and horizontally and acoustic substrate backs each tile. The courses attach to vertical strapping with FilzFelt's Interlock Mounting System and are available in 63 colors of 3mm Wool Design Felt.

Standard Configuration

Shingle 1

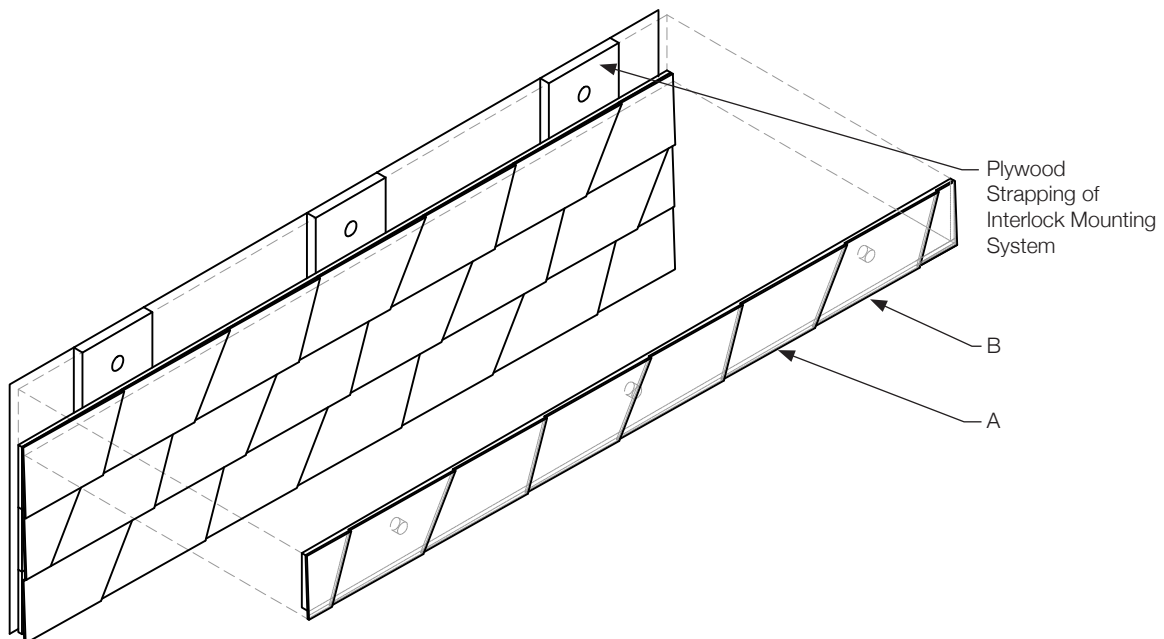


Drawings

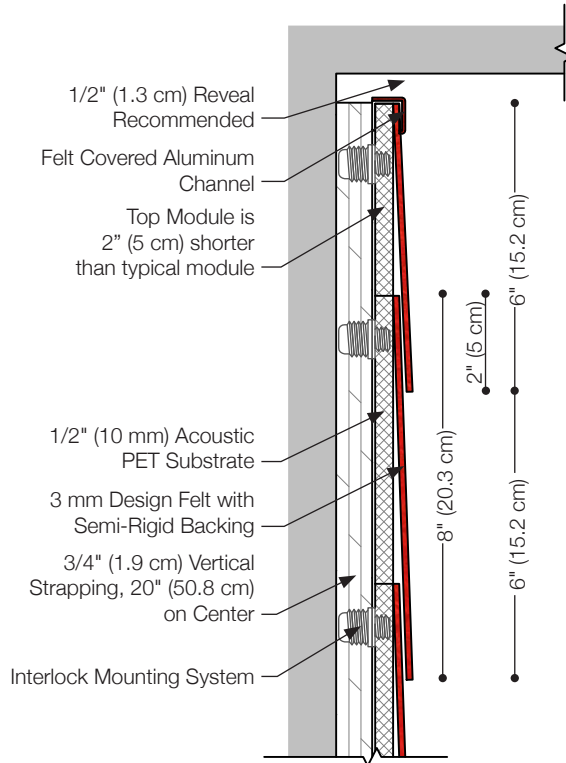


1 Elevation
Scale: 3/4" = 1'-0"

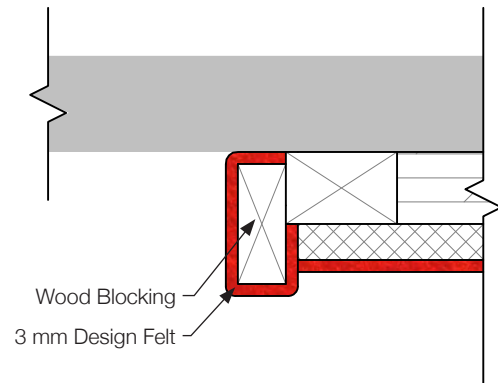
2 Section
Scale: 3/4" = 1'-0"



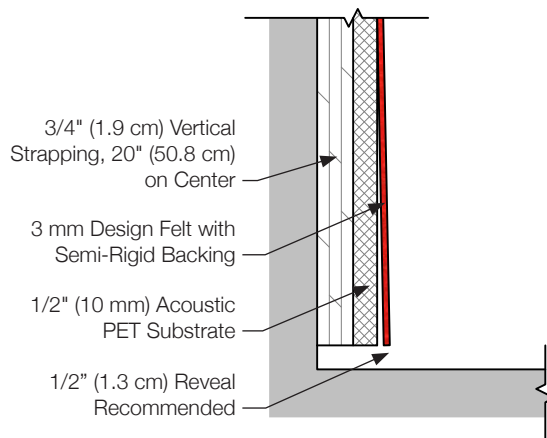
3 Axonometric
Scale: 3/4" = 1'-0"



4 Section Detail at Head
Scale: 6" = 1'-0"



6 Plan Section Detail at Trim
Scale: 6" = 1'-0"



5 Section Detail at Base
Scale: 6" = 1'-0"

Specifications

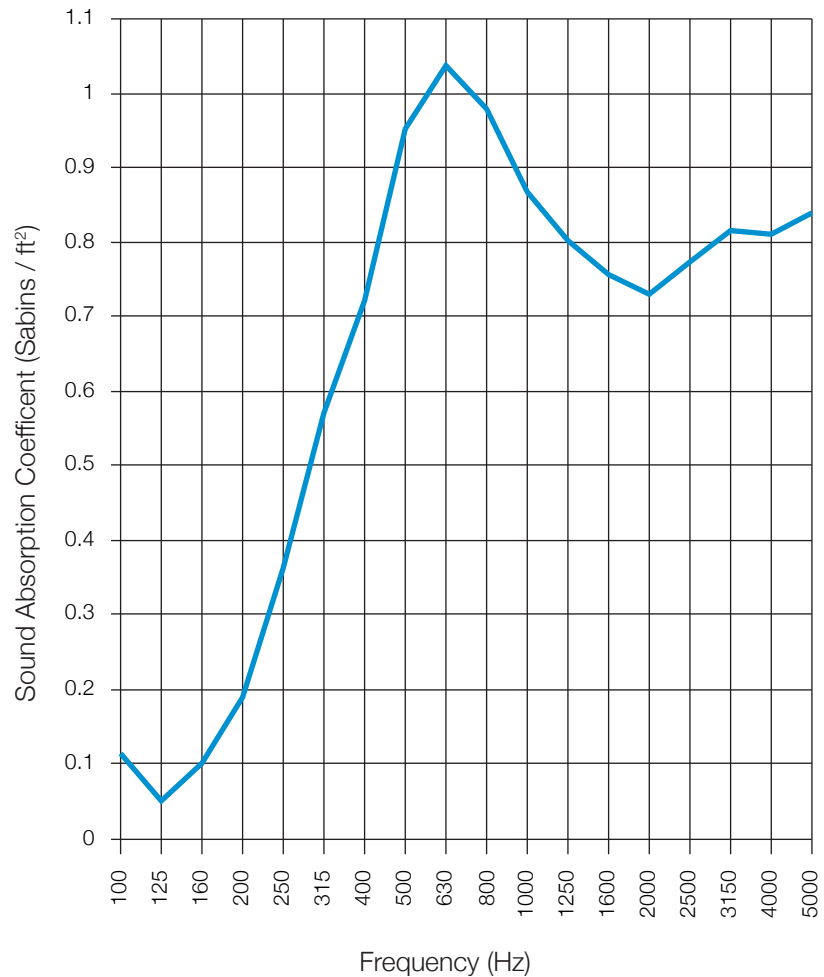
Name	ARO Shingle 1
Designer	Architecture Research Office
Content	100% Wool Design Felt + Acoustic Substrate (100% Virgin PET)
Felt Thickness	3 mm (1/8 in)
Standard Configurations	Shingle 1.1
Approximate Shingle Size	A: 6" x 1'-2" (15.2 x 66 cm) B: 6" x 1'-2" (15.2 x 66 cm)
Course Height	6" (15.2 cm)
Course Length	9'-0" (2.74 cm) – Wider widths require multiple modules
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	ARO Shingle is made to order and certain lead times will apply.
Installation	Installs with Interlock Mounting System provided
Acoustics	ASTM C 423: NRC – 0.75, SAA – 0.73
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 Colors	



Sound Absorption Results

Frequency (Hz)	Sound Absorption Coefficient (Sabins / ft ²)
100	0.12
125	0.05
160	0.10
200	0.18
250	0.36
315	0.56
400	0.71
500	0.95
630	1.04
800	0.98
1000	0.87
1250	0.80
1600	0.76
2000	0.73
2500	0.77
3150	0.82
4000	0.81
5000	0.84

SAA = 0.73
NRC = 0.75



Test Report ARO Shingle 1

For ARO Shingle 1, the test report quotes the frequency dependent sound absorption data as well as the single number ratings. Data taken from Test Report RAL™-A14-155 conducted by Riverbank Acoustical Laboratories. Complete test results are available upon request.