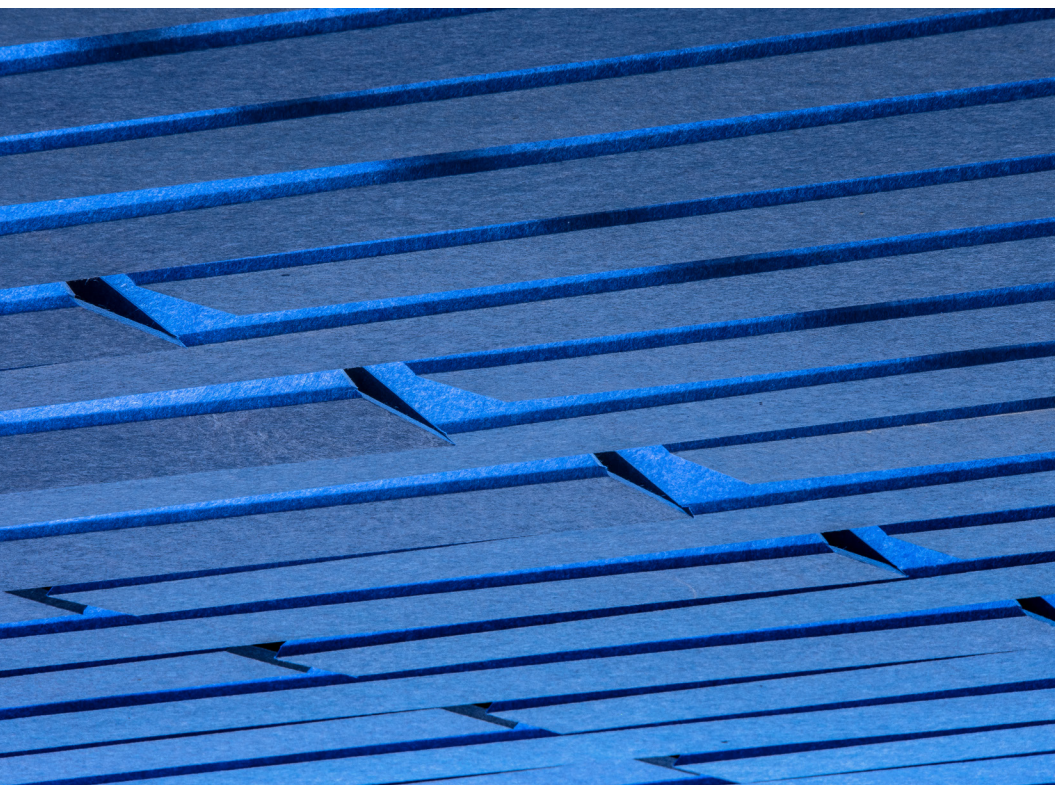
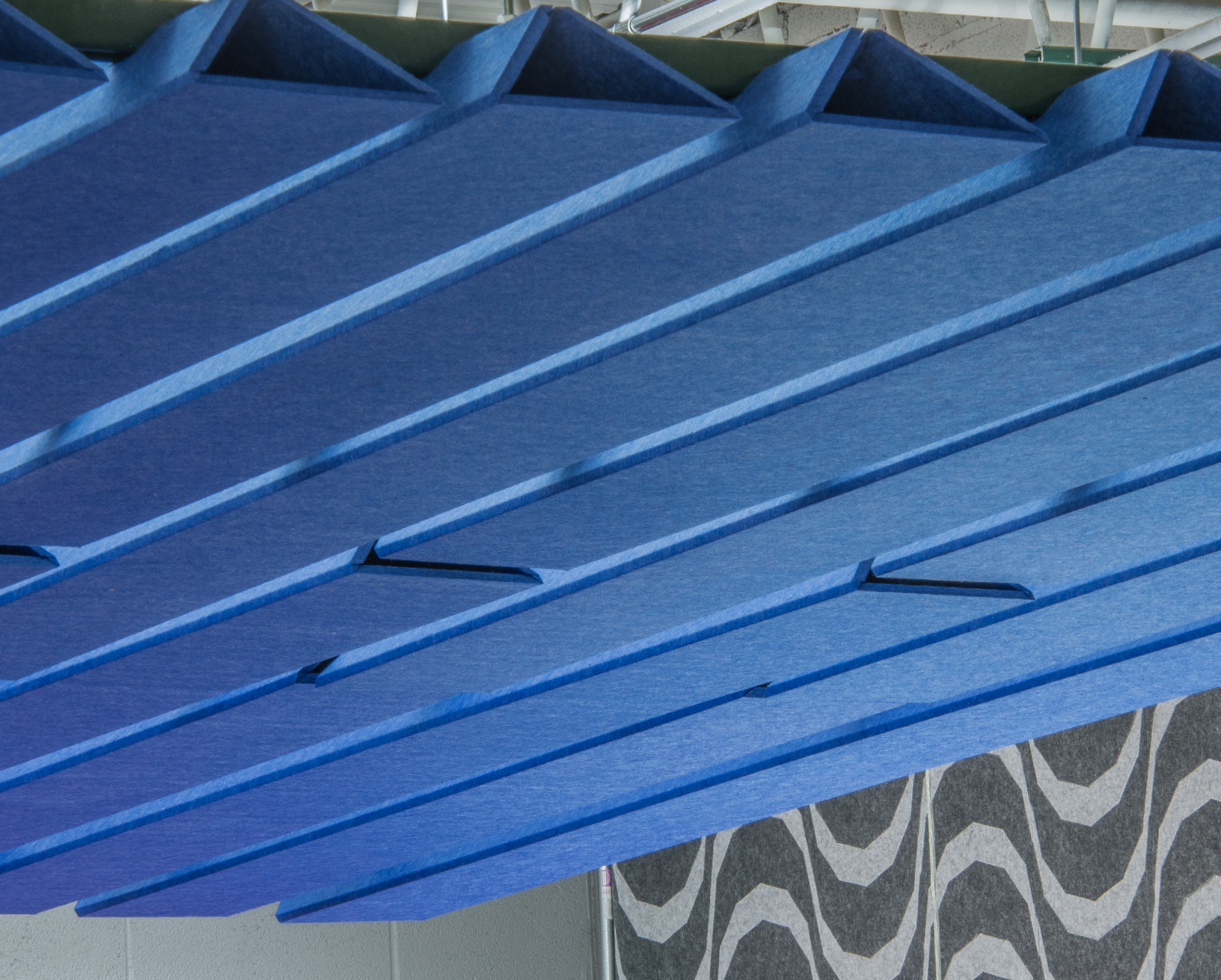


The image shows a close-up, low-angle view of a blue artificial turf surface. The turf has a distinct raised ribbed pattern, with the ribs running diagonally from the bottom left towards the top right. The perspective creates a sense of depth and texture. In the upper left corner, a portion of a white metal structure, possibly a railing or part of a building, is visible. The overall lighting is bright, highlighting the texture of the synthetic grass.

Boom Stick

by

T U R F

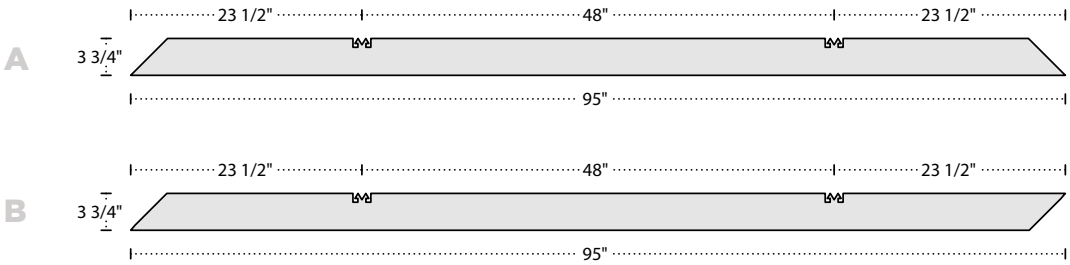


Boom Stick

TRIANGULAR & BOLD

Visually resonant and acoustically permeable, the Boom Stick was made for turning heads and absorbing decibels. Minimal and sophisticated, the Boom Stick baffle is the acoustic savior you have been waiting for.

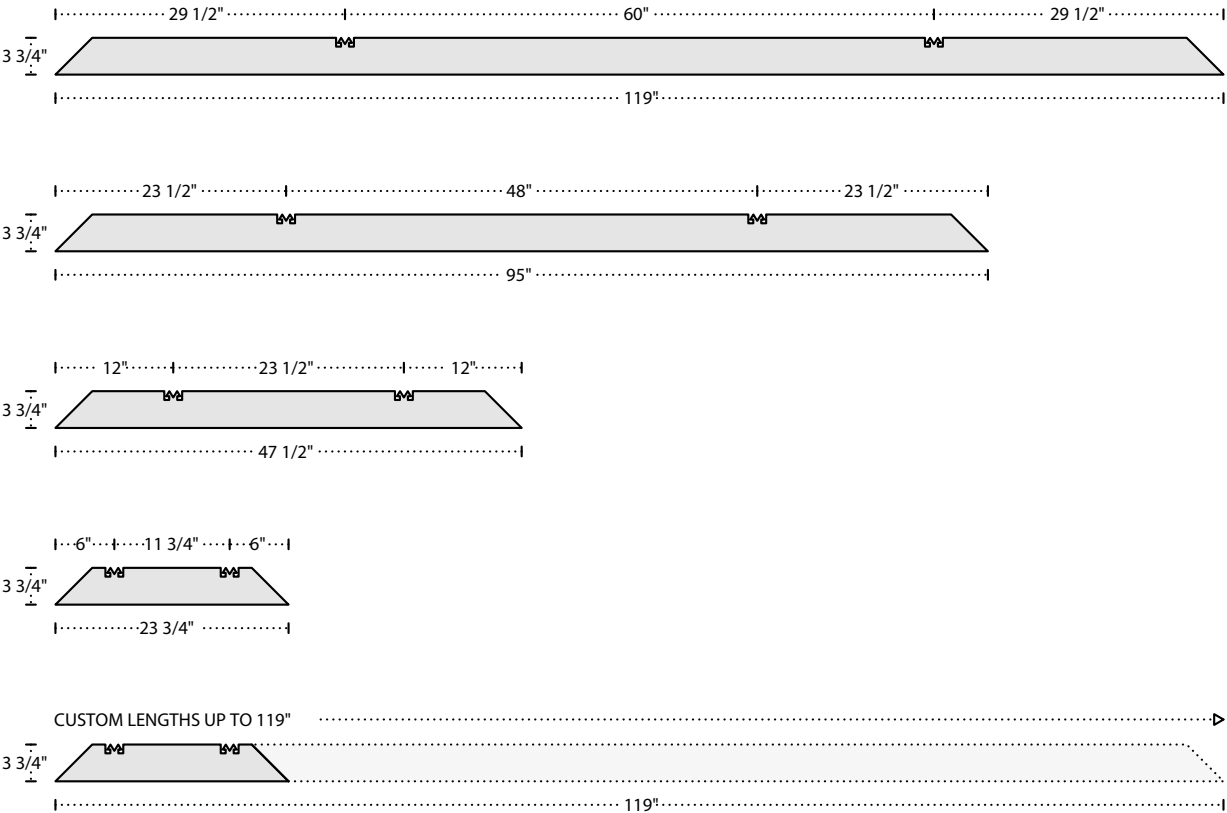
Baffle Sizes



1

BAFFLE OPTIONS A & B

The Boom Stick is folded from a single sheet of 9mm felt material, creating a triangular profiled baffle. Each Boom Stick is equipped with an internal **3" air gap**, boasts a **1.55 NRC rating**, and is made of up to 60% pre-consumer recycled content.

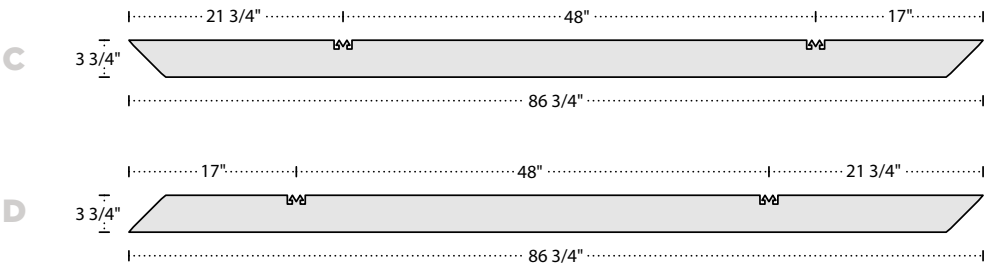


2

FRONT ELEVATION

In addition to custom lengths up to 119", Boom Sticks A and B also come in three standard sizes, making this product incredibly flexible.

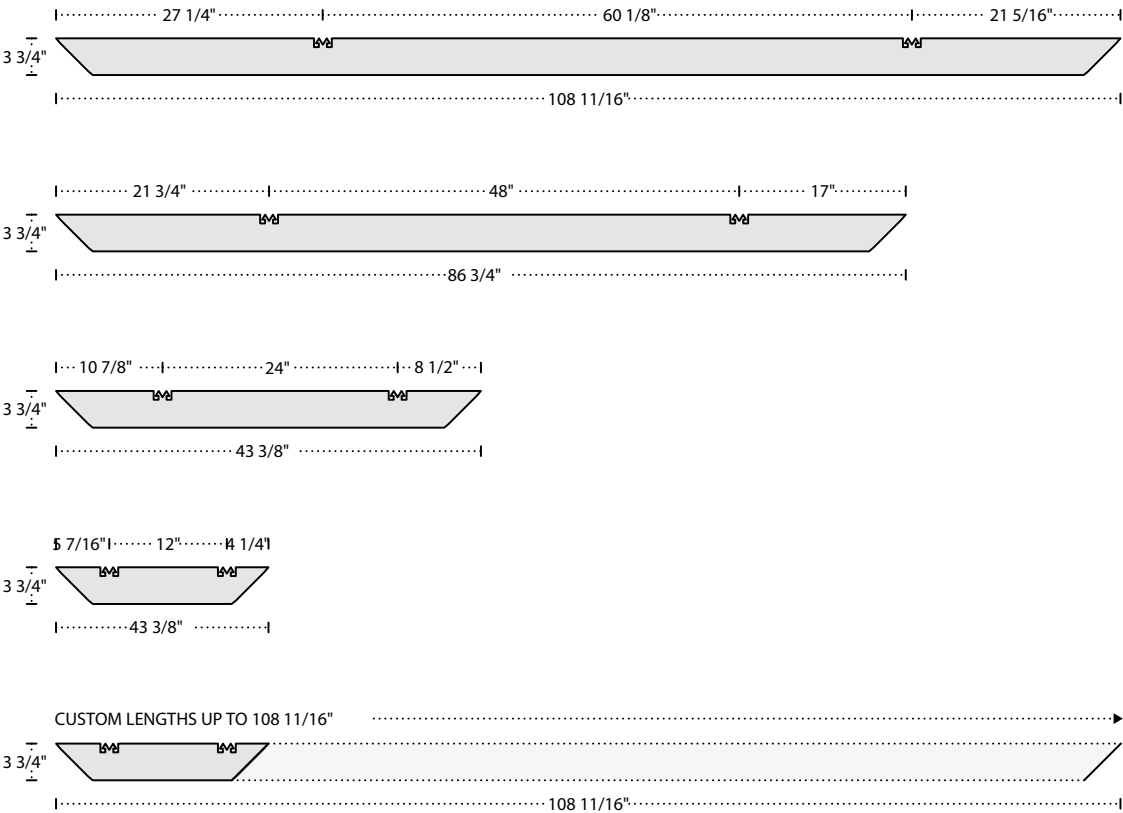
Baffle Sizes



1

BAFFLE OPTIONS C & D

The Boom Stick is folded from a single sheet of 9mm felt material, creating a triangular profiled baffle. Each Boom Stick is equipped with an internal **3" air gap**, boasts a **1.55 NRC rating**, and is made of up to 60% pre-consumer recycled content.

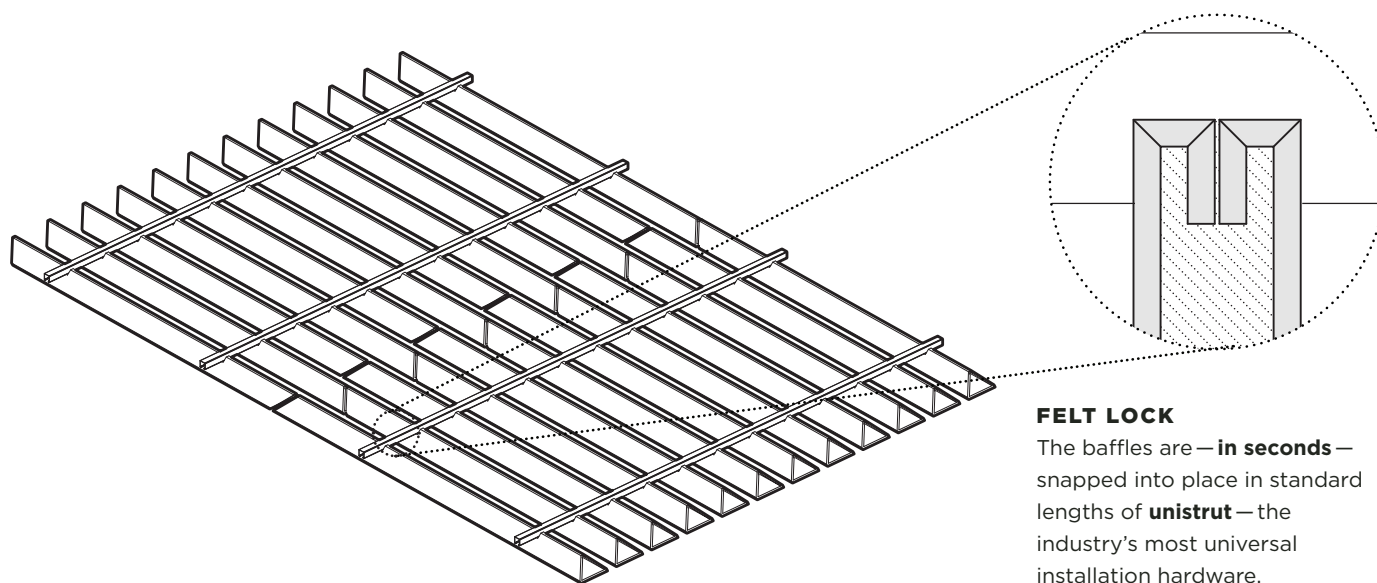


2

FRONT ELEVATION

In addition to custom lengths up to 108 11/16", Boom Sticks C and D also come in three standard sizes, making this product incredibly flexible.

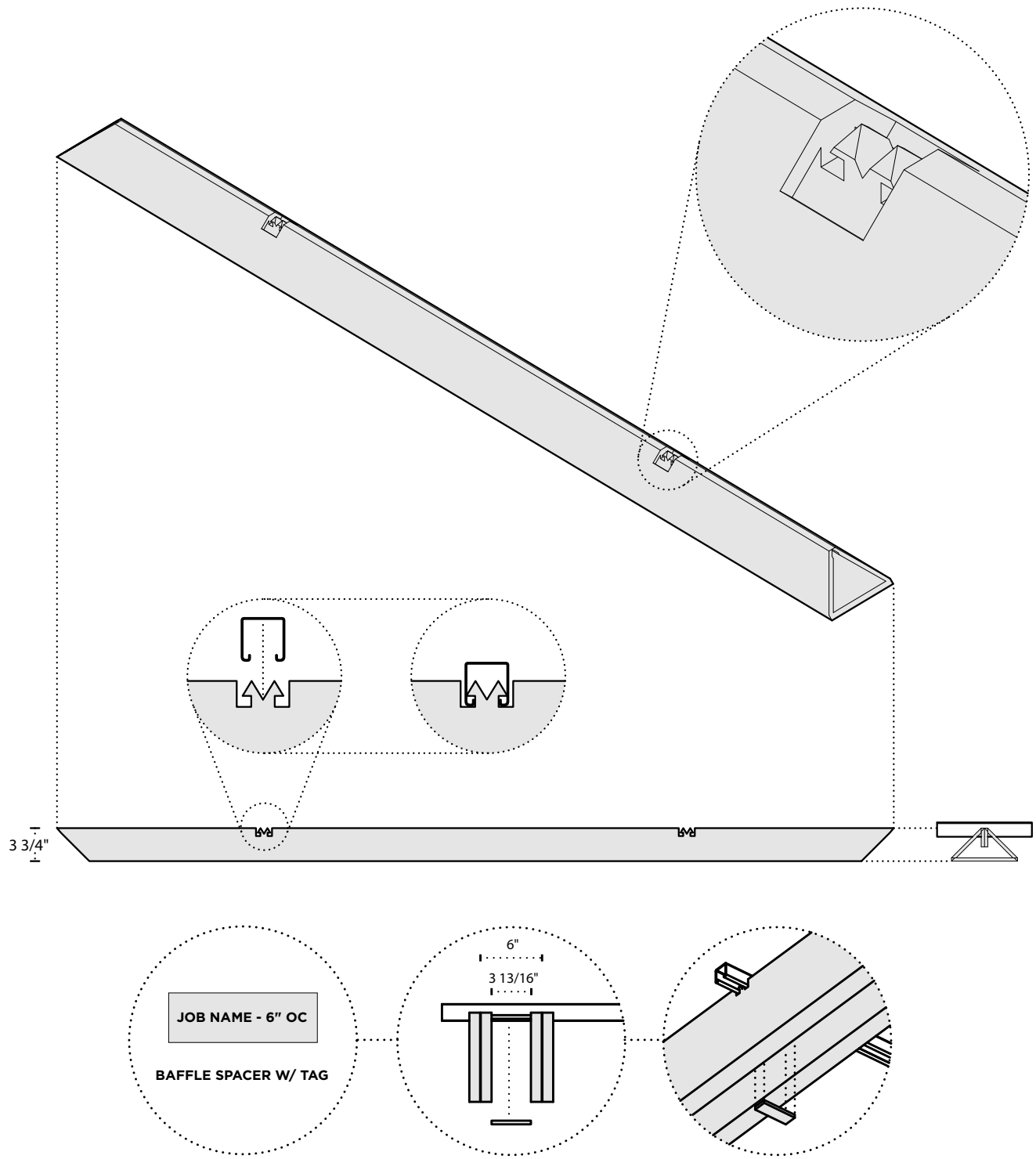
Connection Types



FELT LOCK

The baffles are — **in seconds** — snapped into place in standard lengths of **unistrut** — the industry's most universal installation hardware.

Felt Lock



1

*Spacing dependent on project

BAFFLE ASSEMBLY

The baffles are — **in seconds** — snapped into place in standard lengths of **unistrut** — the industry's most universal installation hardware. Evenly spaced with 9mm strips of felt that slide into the unistrut channel in between baffles.

Specifications

PRODUCT NAME	Boom Stick
CONTENT	Up to 60% Pre-Consumer Recycled Content
FELT THICKNESS	9mm
PANEL THICKNESS	Varies
SMALLEST SIZE	3.75" D x 7.5" W x 21.625" L
MAXIMUM SIZE	3.75" D x 7.5" W x 119" L
EDGE OPTIONS	Exposed Felt
COMPONENTS	UNISTRUT P1000T Standard, nylon panel clip, universal steel Tee Grid, 1/16th inch Aircraft Cable. (supplied by installer)
DURABILITY	Contract
MAINTENANCE	Vacuum occasionally to remove any particulate matter and air-borne debris or dust. Compressed air can be used to dust the material in difficult to reach areas for large assemblies.
LEAD TIME	Check the Turf website for current lead times.
ENVIRONMENTAL	9mm PET felt board is made from up to 60% pre-consumer recycled content. TURF has a Declare Label for this product. TURF is pursuing product transparency for LEED V4 MR Credit 4 Option 1, and MR Credit 3 Option 2 for recycled content.
VARIATION	PET Felt uses a traditional 'felting' process to create its panels. This often results in a pleasing heathered effect, where multiple tones are present in the fiber. Slight and consistent variations in color should be expected when using this sustainable material.
ACOUSTICS	ASTM C423-17: NRC = 0.75 (Material)
VOC	ASTM D 5116 Compliant
FIRE RATING	Product made from Class A PET felt material tested under ASTM E-84.

9MM FELT

This product is made with 9 mm PET felt board. The process used to create PET felt often results in a heathered effect where multiple tones are present. Slight variations in color should be expected when using this sustainable material.

Felt thickness is 9 mm +/- 0.5 mm.

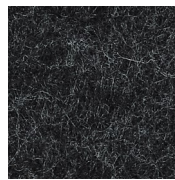
Monitors and printers vary. Please request a material sample to verify felt colors.

Looking for the old color palette?

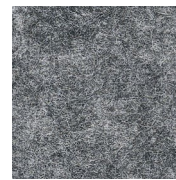
Old colors are still available for legacy projects, but check with us for availability if you're interested in using them for new projects.



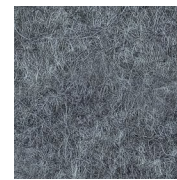
07 BLACK



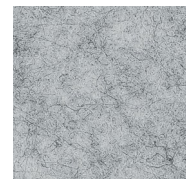
06 CHARCOAL



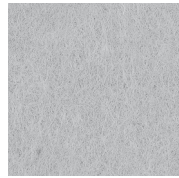
09 DAMASCUS



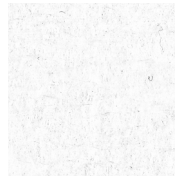
98 STORM



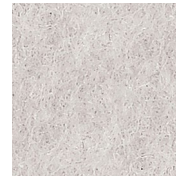
04 LIGHT GREY



66 PEWTER



50 IVORY



01 CREAM



33 LUMINARY



05 WHITE



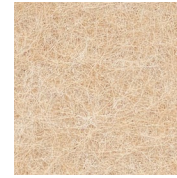
35 BARK



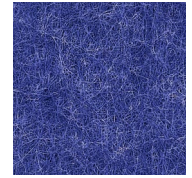
34 TONAL TAUPE



82 BARLEY



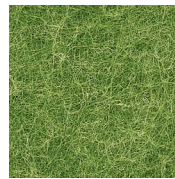
83 HOLLAND OATS



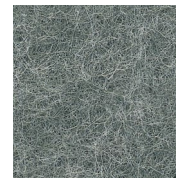
24 ROYAL BLUE



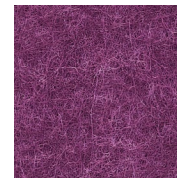
10 TOPO GREEN



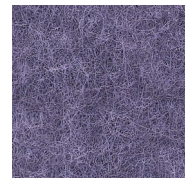
12 GRASSHOPPER



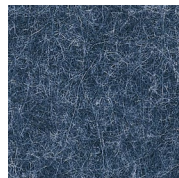
11 CELADON



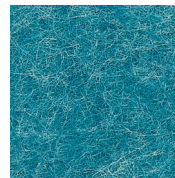
40 MAGENTA



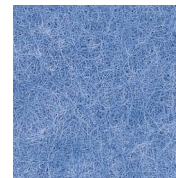
41 DRIED LAVENDER



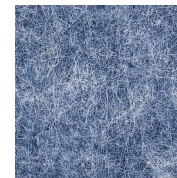
28 INDIGO



30 CYAN



31 AZURE



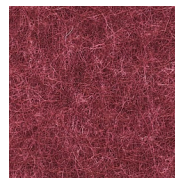
27 JEAN JACKET



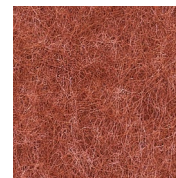
26 FADED DENIM



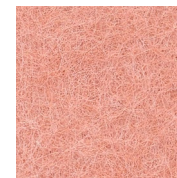
23 RED



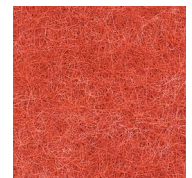
15 MERLOT



18 ULTISOL



17 BLUSH



43 ORANGE CRUSH



63 SAFFLOWER



64 PLANTAIN

TEXTURES

Invite nature into your space with our wood-inspired textures. Digital printing on felt ensures a unique and realistic grain with virtually no repeats.

CUSTOM

Endless customization options are available, including color and grain matching to your sample.

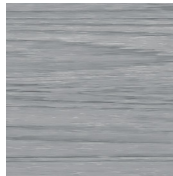
* Please note there is additional lead time for custom matching. Texture and customization will incur additional costs beyond our standard 9 mm options.

Felt thickness is 9 mm +/- 0.5 mm.

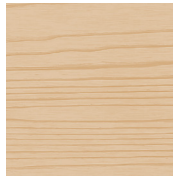
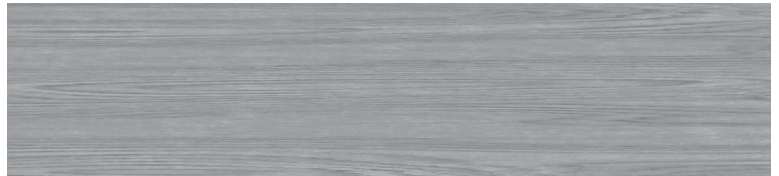
Monitors and printers vary. Please request a material sample to verify felt colors.



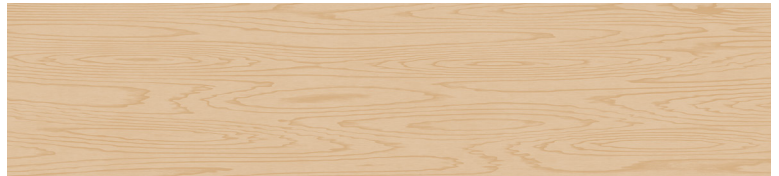
D01 WHITE ASH



D02 SILVER TEAK



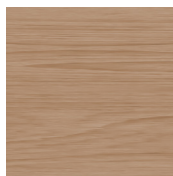
D03 CLEAR MAPLE



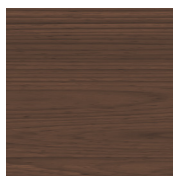
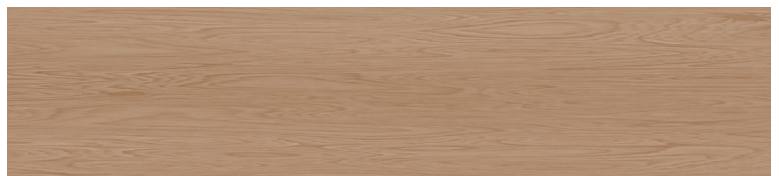
D04 WASHED ASH



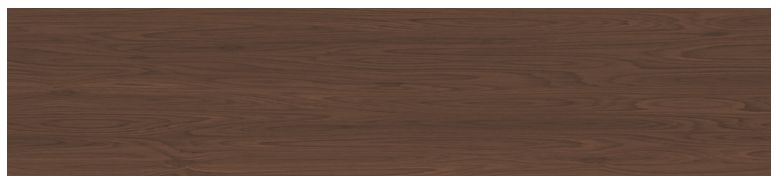
D05 MEDIUM OAK



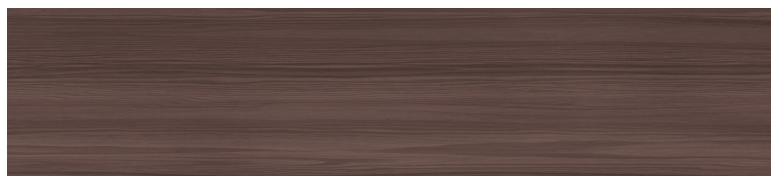
D06 PLANKED OAK



D07 DARK WALNUT

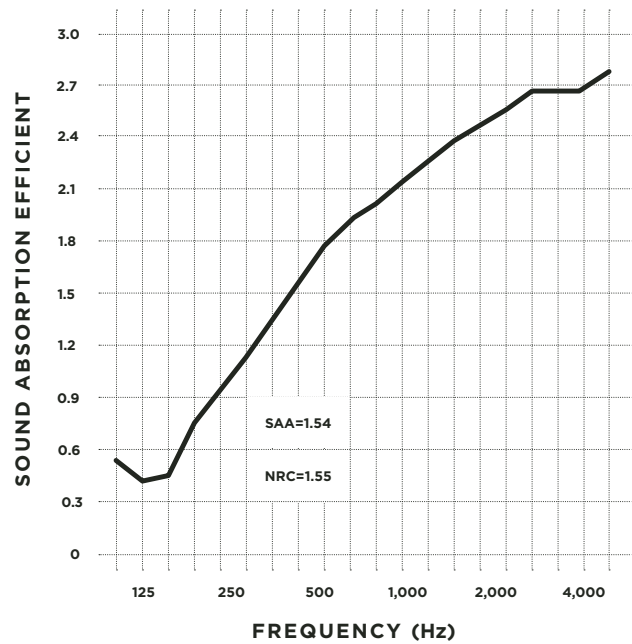


D08 BLACK PEAR



Acoustic Testing (ASTM C 423-17)

FREQUENCY (Hz)	SOUND ABSORPTION COEFFICIENT
32	.04
40	-.01
50	-.13
63	.49
80	.43
100	.30
125	.21
160	.22
200	.42
250	.57
315	.78
400	.98
500	1.22
630	1.42
800	1.63
1,000	1.88
1,250	2.15
1,600	2.32
2,000	2.48
2,500	2.58
3,150	2.56
4,000	2.56
5,000	2.64
6,300	2.61
8,000	2.63
10,000	2.60
12,500	2.41



TEST ARRANGEMENT

Type J Mounting: The specimen is an array of spaced sound absorbing baffles suspended from a cable approximately 1206.5mm (47.5 in.) above the horizontal test surface. This approximates the mounting method of a typical ceiling baffle installation. The baffles were evenly distributed in four rows four units each. Baffles were spaced 305 mm (12 in.) apart. Rows were spaced 762mm (30 in.) apart.

Declare.

3mm + 9mm PET Acoustic Panel
TURF Design

Final Assembly: Gilberts, Illinois, USA
Life Expectancy: 50 Year(s)
End of Life Options: Salvageable/Reusable in its Entirety, Recyclable (100%)

Ingredients:
PET; Flame Retardant; N,N'-Ethylene bis(stearamide); White
Tint; Antioxidant 1076; Antioxidant KY-405; Stearic Acid

Living Building Challenge Criteria: Compliant

I-13 Red List:
☒ LBC Red List Free % Disclosed: 100% at 100ppm
☐ LBC Red List Approved VOC Content: Not Applicable
☐ Declared

I-10 Interior Performance: CDPH Standard Method v1.2-2017
I-14 Responsible Sourcing: Not Applicable

TFD-0002
EXP: 01 DEC 2022
Original Issue Date: 2019

FOR MORE INFORMATION, VISIT: www.living-future.org/declare