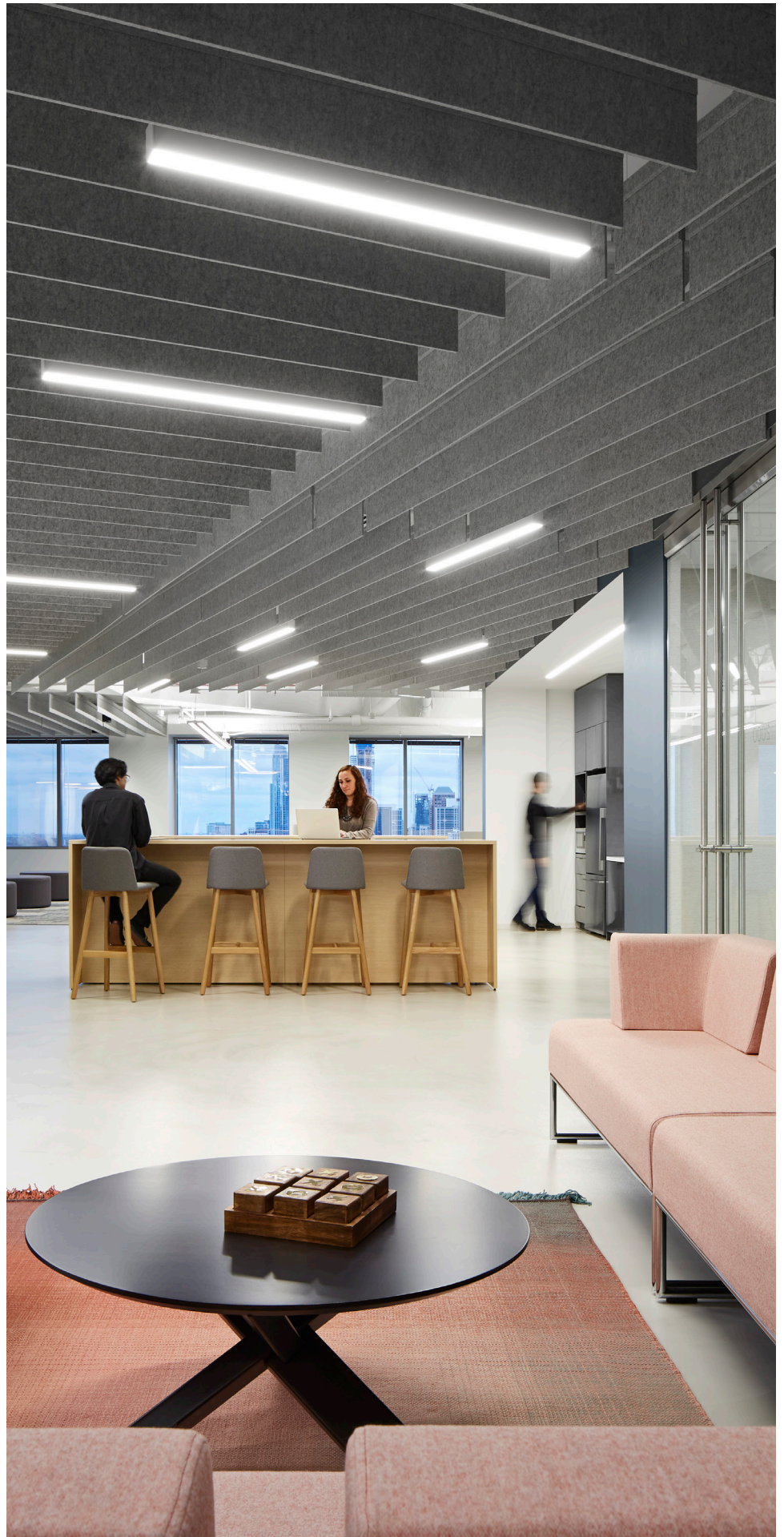


STRAIGHT ceiling baffle

A New Classic

Straight is simple, elegant and one of the industry's most dynamic acoustic ceiling systems. Designed to work with standard Unistrut hangers, Straight baffles transform large volumes of space with flowing aesthetics and acoustic performance.



PATENT PENDING

Photo by Kendall McCaugherty, Hall+Merrick Photography / Designer: Eastlake Studio

SPECS

PRODUCT

Straight ceiling baffle

CONTENT

Polyester (PET) felt
60% pre-consumer recycled

SIZING

Custom is TURF's standard.
Everything is made to order,
and can be adapted to fit
unique spaces.

LENGTH

SMALL RANGE

12" L to 35.5" L

MEDIUM RANGE

36" L to 71.5" L

LARGE RANGE

72" L to 119" L

DEPTH

STANDARD DEPTHS

7.5" D
9.375" D
11.5" D

Custom depths available
upon request.

THICKNESS

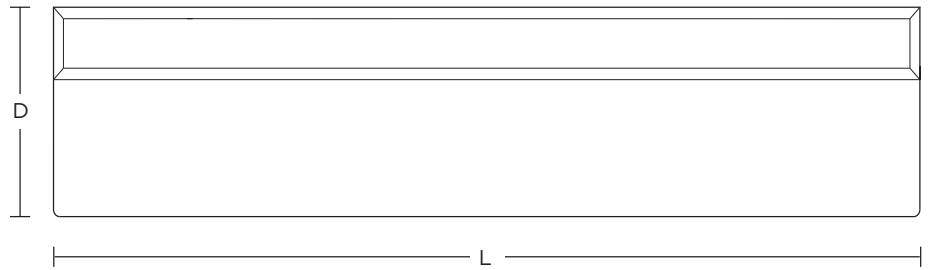
9 mm baffle with stiffener

SPACING

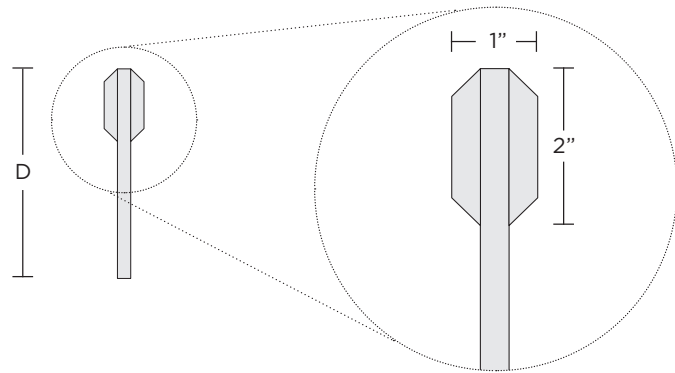
Typical O.C. spacing is 6" to 12"

The closer together baffles are, the better the acoustic performance. Straight baffles can't get closer than 27 mm apart (since that's the thickness of the stiffener at the top).

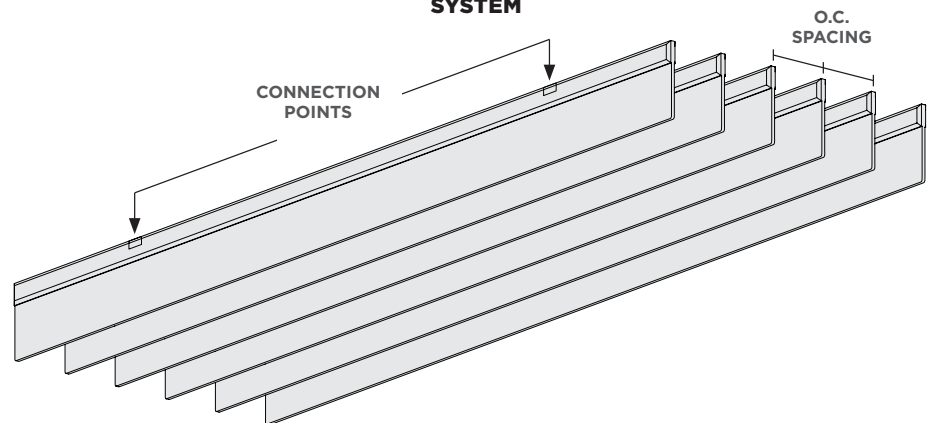
FRONT ELEVATION



SIDE ELEVATION



SYSTEM



CONNECTIONS

The connection spacing on Straight baffles varies per project needs. Typical spacing is in the chart.

TURF has numerous connection systems designed to accommodate the most efficient installation method for each project:

MOST COMMON

- Feltlock
- Gridlock
- Cable to Deck

ALSO AVAILABLE

- Rotated Feltlock
- Cable to Unistrut
- All Thread
- Panel Clip
- Embedded Nut
- Magnetic Connection
- Grid Clip

FELTLOCK

Baffles with TURF's patented Feltlock will flex and compress to insert into Unistrut, the industry's most universal installation hardware.

P1000 series Unistrut, raw galvanized finish or powder-coated, hardware is required. Painted Unistrut may damage Feltlock installations and will void the product warranty.

GRIDLOCK

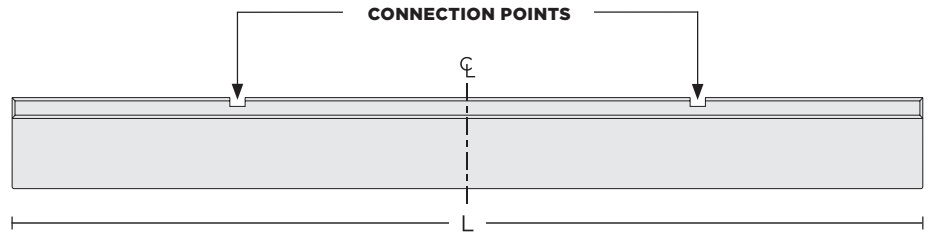
Baffles with Gridlock have a custom cut attachment that flexes to grasp the t-grid.

9/16" and 15/16" flat t-grid in a 2'x2' and 2'x4' layout required.

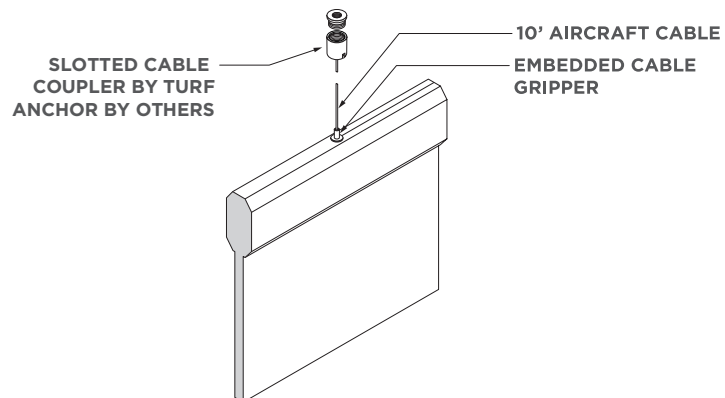
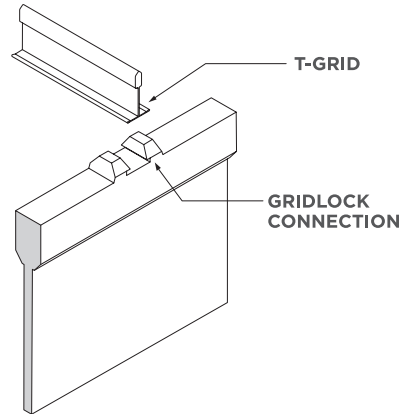
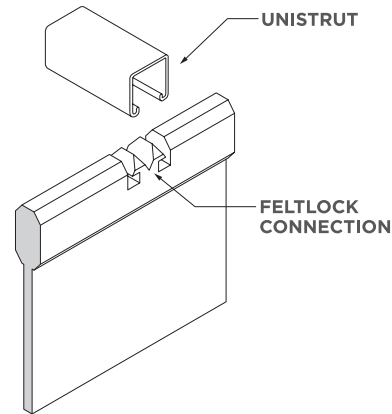
CABLE TO DECK

Embedded cable grippers mount via suspended aircraft cables. Because the cables can be arranged in any pattern, this connection offers the most design flexibility.

3/64" aircraft cable supplied by TURF.



BAFFLE LENGTH	CONNECTION SPACING
18" to 30"	12" O.C.
30" to 54"	24" O.C.
54" to 95"	48" O.C.
95" to 119"	60" O.C.



9 MM FELT

TURF's Straight baffles are made with 9 mm PET felt board.

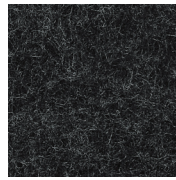
The process used to create PET felt often results in a heathered effect where multiple tones are present. Slight variations in color should be expected when using this sustainable material.

Felt thickness is 9 mm +/- 0.5 mm.

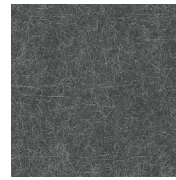
Monitors and printers vary. Please request a material sample to verify felt colors.



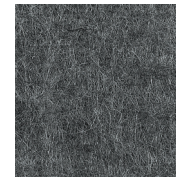
07 BLACK



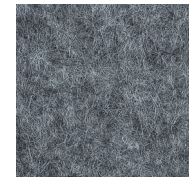
06 CHARCOAL



38 MATTE GRAY



86 SLATE



98 STORM



01 CREAM



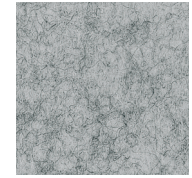
50 IVORY



05 WHITE



66 PEWTER



04 LIGHT GREY



78 WHEAT



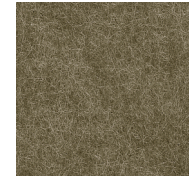
82 BARLEY



54 LATTE



48 LIGHT BROWN



32 BROWN



94 CORAL



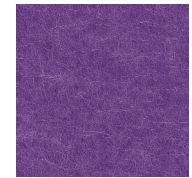
42 ORANGE



16 RED



58 RASPBERRY



39 LAVENDER



20 MANGO



62 SUNFLOWER



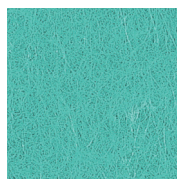
45 YELLOW



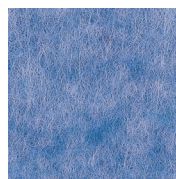
47 LIME



14 GREEN



70 AQUA



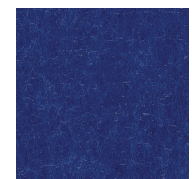
90 SKY



25 LIGHT BLUE



74 DENIM



29 DARK BLUE

TECH

ACOUSTICS

ASTM C423-17: Type J Mounting

FIRE RATING

ASTM E-84 - Class A

VOC

ASTM D5116 Compliant

DETAILS

DURABILITY

Contract

LEAD TIME

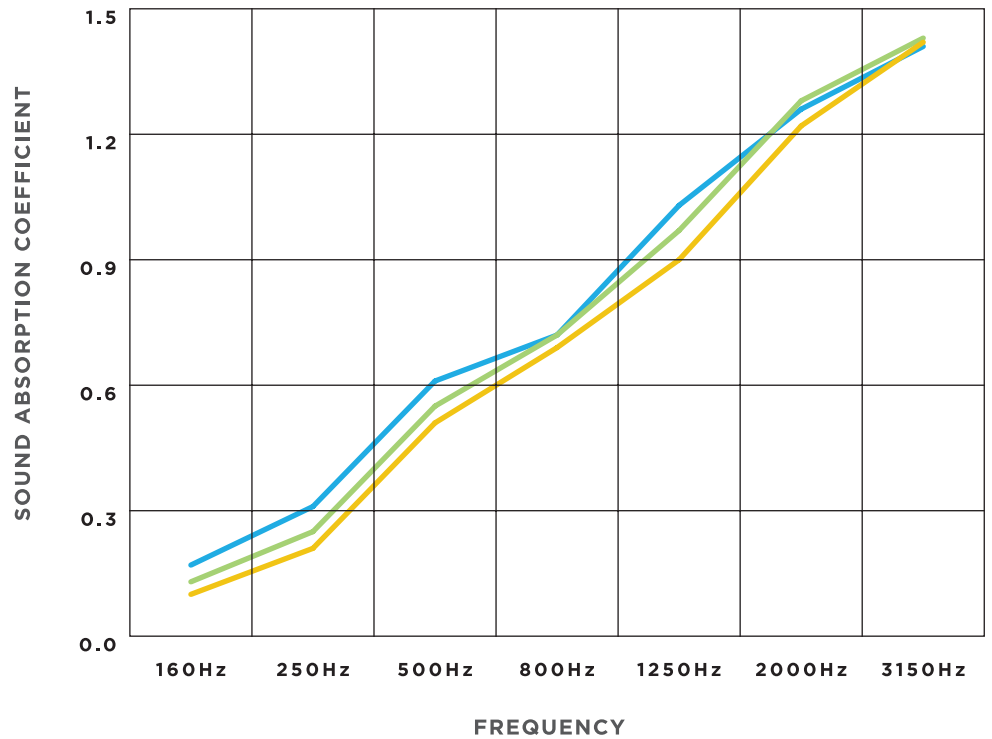
Ships in four (4) weeks

WARRANTY

Three (3) years

MAINTENANCE

Vacuum 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. Contact us for more information relative to spot cleaning.



- 9" DEPTH WITH 12" O.C. SPACING; NRC = 0.75
- 7.5" DEPTH WITH 9" O.C. SPACING; NRC = 0.70
- 6" DEPTH WITH 6" O.C. SPACING; NRC = 0.70

ASTM C 423-17: Type J Mounting - The specimen is an array of spaced sound absorbing baffles suspended from a cable approximately 1206.5 mm (47.5") 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") apart. Rows were spaced 762 mm (30") apart.

Declare.

TURF 9mm PET Acoustic Panel
Turf Design

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

Ingredients:

Polyethylene Terephthalate; PET; Antioxidant 1076; Benzenamine, 4-(1-Methyl-1-Phenylethyl)-N-[4-(1-Methyl-1-Phenylethyl)Phenyl]-, Benzenepropanoic Acid, 3,5-Bis(1,1-Dimethylethyl)-4-Hydroxy-, Octadecyl Ester, Octadecanamide, N,N'-1,2-Ethanediybis-, Stearic Acid, Titanium Dioxide

Living Building Challenge Criteria:

<small>TFD-0002</small>	<small>EXP 01 DEC 2020</small>
<small>VOC Content: N/A</small>	<small>VOC Emissions: CDPH Compliant</small>
<small>Declaration Status</small>	<input checked="" type="checkbox"/> LBC Red List Free
	<input type="checkbox"/> LBC Compliant
	<input type="checkbox"/> Declared

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INTERNATIONAL LIVING FUTURE INSTITUTE™ declareproducts.com



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