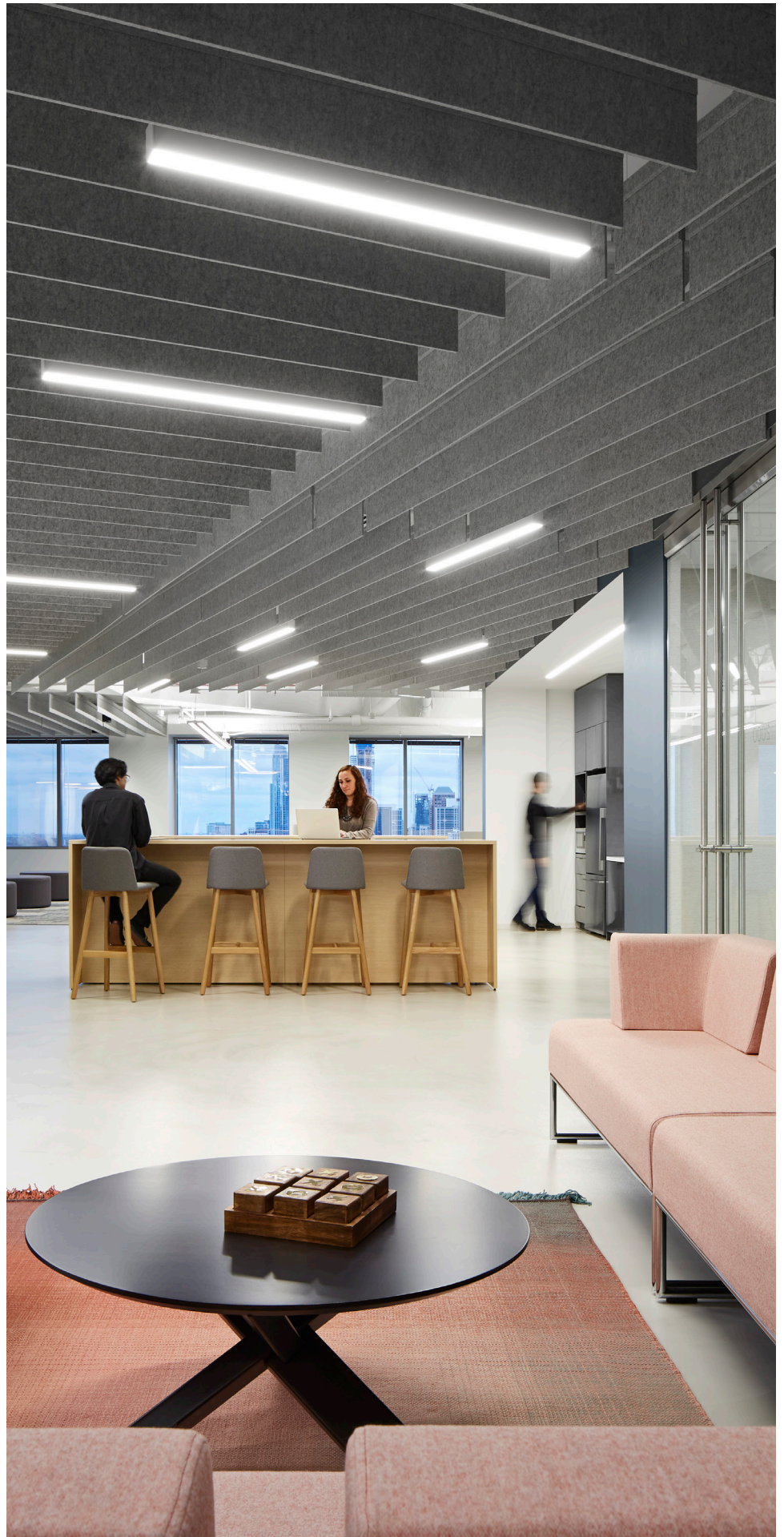


## STRAIGHT ceiling baffle

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

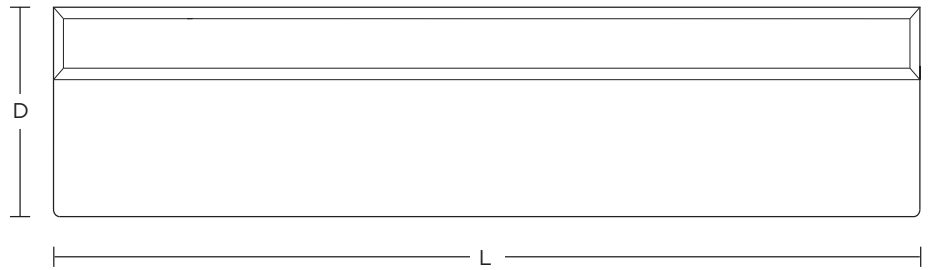
9 mm baffle with stiffener

# SPACING

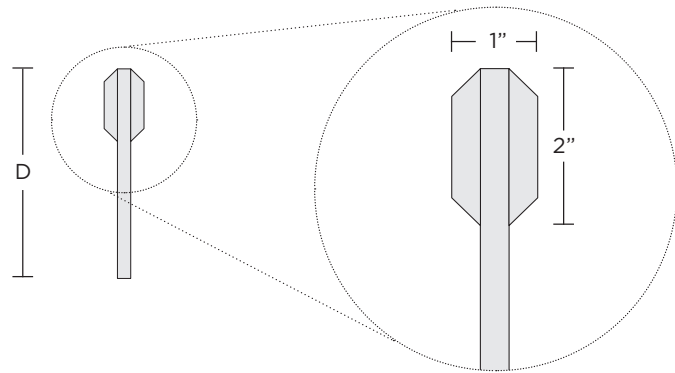
Typical O.C. spacing is 6" to 12"

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).

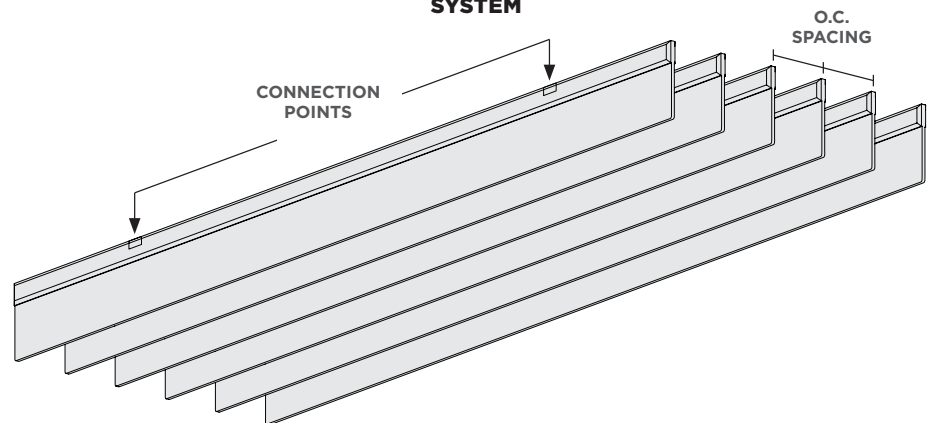
FRONT ELEVATION



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

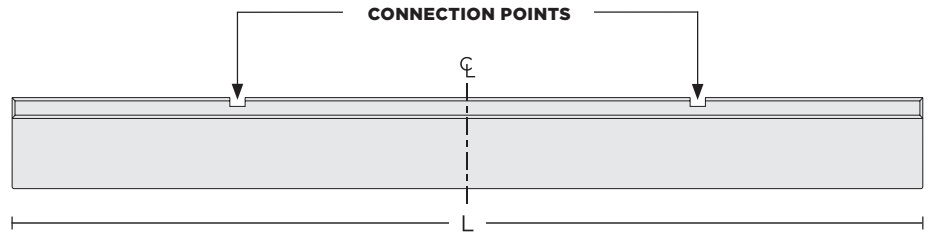
Baffles with Gridlock have a custom cut attachment that flexes to grasp the t-grid.

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

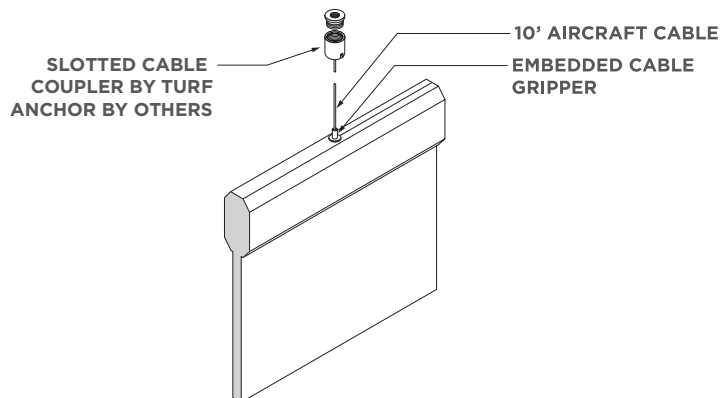
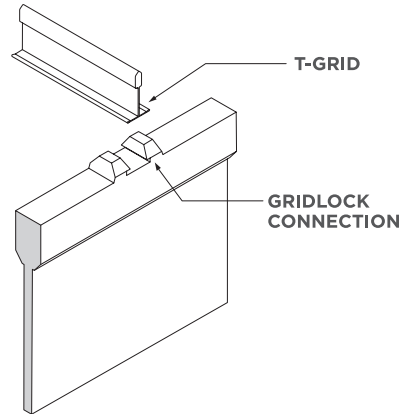
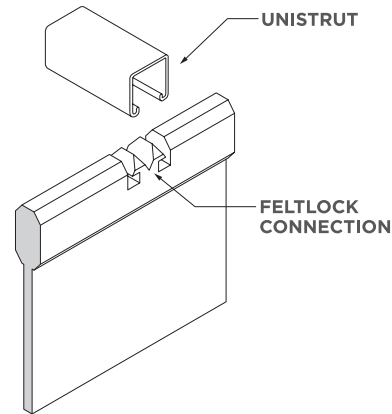
## CABLE TO DECK

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.





# 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.

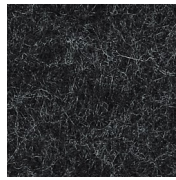
**Monitors and printers vary. Please request a material sample to verify felt colors.**

## Looking for the old color palette?

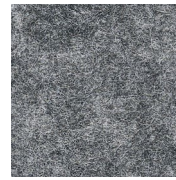
Old colors are still available for legacy projects, but check with us for availability if you're interested in using them for new projects.



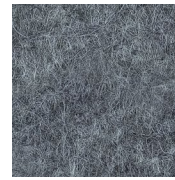
07 BLACK



06 CHARCOAL



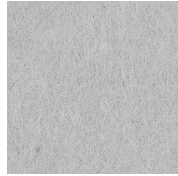
09 DAMASCUS



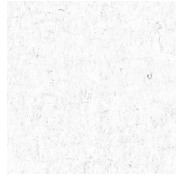
98 STORM



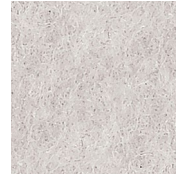
04 LIGHT GREY



66 PEWTER



50 IVORY



01 CREAM



33 LUMINARY



05 WHITE



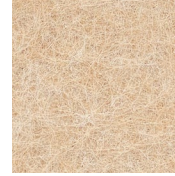
35 BARK



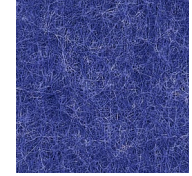
34 TONAL TAUPE



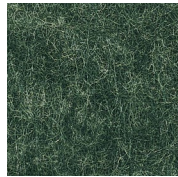
82 BARLEY



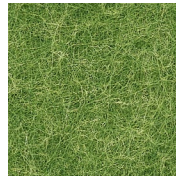
83 HOLLAND OATS



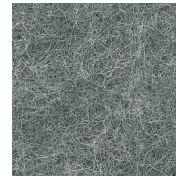
24 ROYAL BLUE



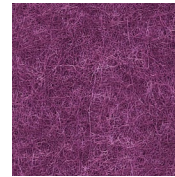
10 TOPO GREEN



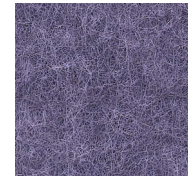
12 GRASSHOPPER



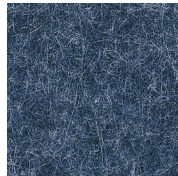
11 CELADON



40 MAGENTA



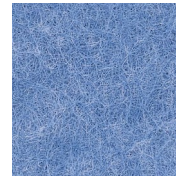
41 DRIED LAVENDER



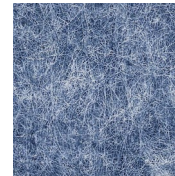
28 INDIGO



30 CYAN



31 AZURE



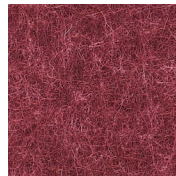
27 JEAN JACKET



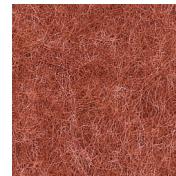
26 FADED DENIM



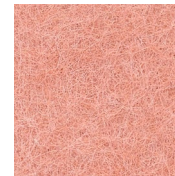
23 RED



15 MERLOT



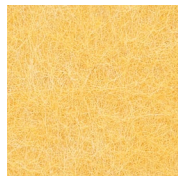
18 ULTISOL



17 BLUSH



43 ORANGE CRUSH



63 SAFFLOWER



64 PLANTAIN

# TECH

## ACOUSTICS

ASTM C423-17: Type J Mounting

## FIRE RATING

ASTM E-84 - Class A

## VOC

ASTM D5116 Compliant

# DETAILS

## DURABILITY

Contract

## LEAD TIME

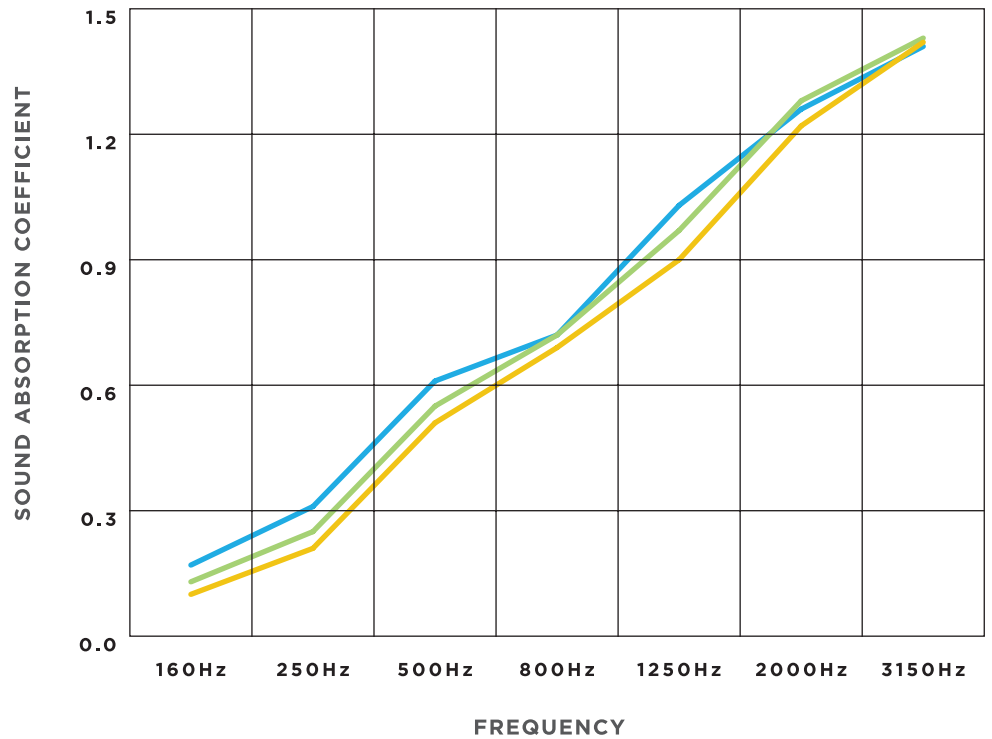
Check the Turf website for current lead times.

## 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.

**3mm + 9mm PET Acoustic Panel  
TURF Design**

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

Ingredients:  
PET; Flame Retardant; NN-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 v12-2017  
I-14 Responsible Sourcing: Not Applicable

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

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