FREEFORM
ceiling baffle

Make Your Move

Freeform goes in the direction you want to go, fueled by design flexibility. You can customize the curves of each ceiling baffle in this system, delivering enhanced acoustics with a visual rhythm that is uniquely formed to your space.

PATENT PENDING

SPECS

PRODUCT
Freeform ceiling baffle

CONTENT
Polyester (PET) felt
60% pre-consumer recycled

SIZING
Freeform is customizable in depth, length and form with a max curve length of 114", minimum curve radius of 6" and max curve depth of 47.5". Each baffle can be configured independently of the surrounding baffles. You can make it yours without additional customization fees.

ENVELOPE

MAXIMUM CURVE LENGTH
114" L

MAXIMUM CURVE WIDTH
47.5" L

MINIMUM RADIUS
6"

DEPTH

AVAILABLE DEPTHS
4" D
7.5" D (STANDARD)
11.5" D

Custom depths available upon request.

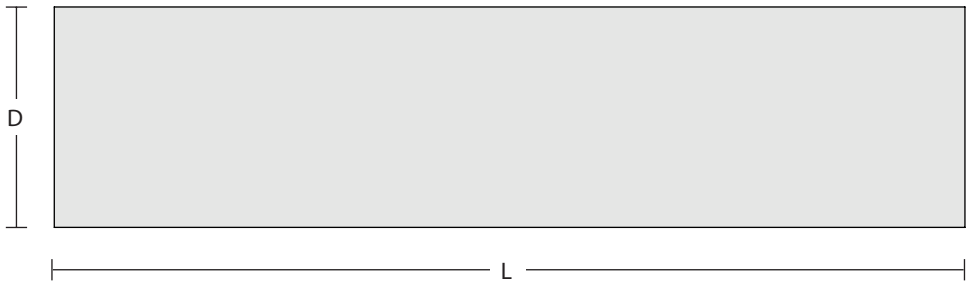
THICKNESS

2"

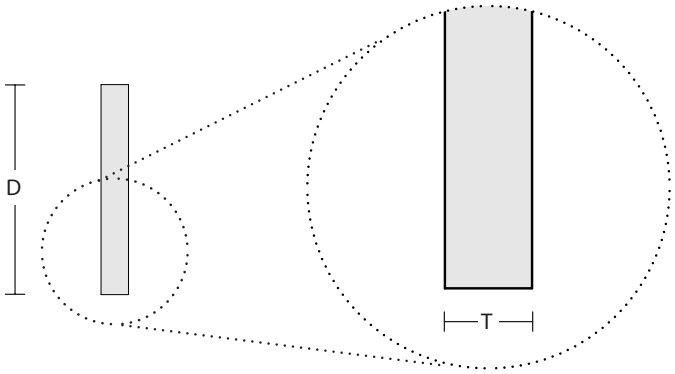
SPACING

The closer together baffles are, the better the acoustic performance. Freeform baffles can't get closer than 2" apart (since that's the thickness of the individual baffle).

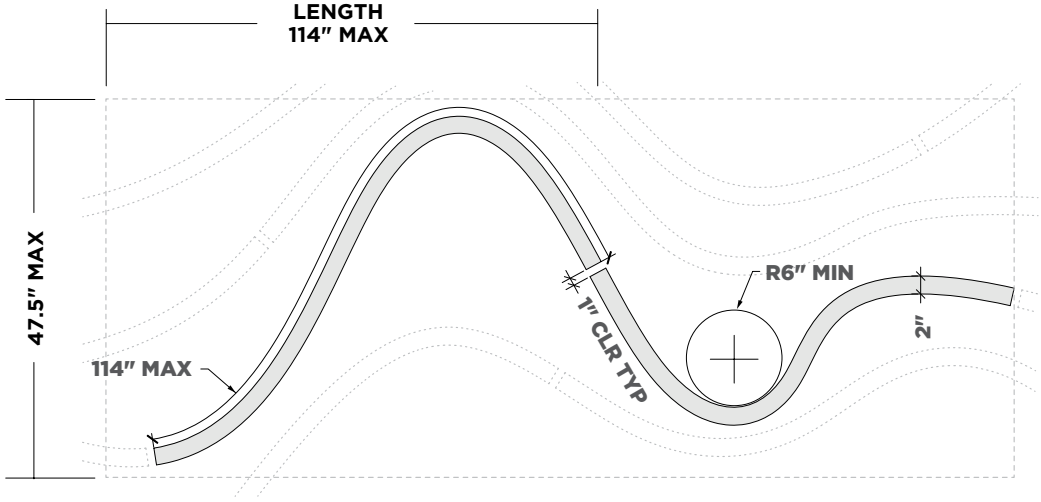
FRONT ELEVATION



SIDE ELEVATION



PLAN VIEW

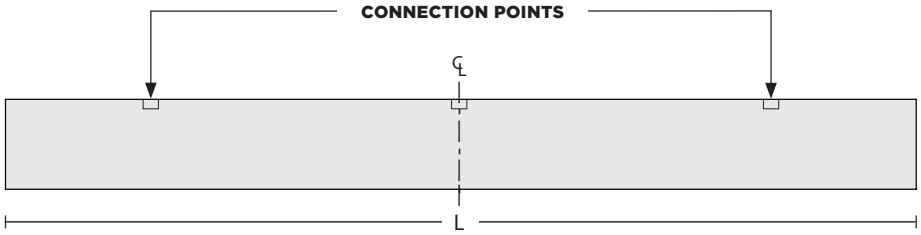


CONNECTIONS

The connection spacing on Freeform baffles varies per project, but requires at least three connection points.

CONNECTION TYPES

All Thread
Cable to Deck

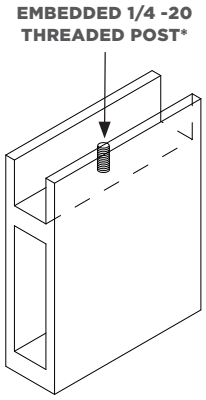


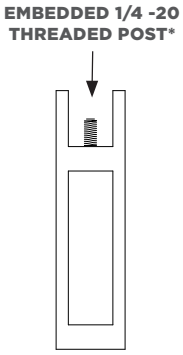
BAFFLE LENGTH	CONNECTION SPACING
18” to 30”	12” O.C.
30” to 54”	24” O.C.
54” to 95”	48” O.C.
95” to 114”	60” O.C.

*These are recommended guidelines based on standard baffles.
Turf will provide installation details based on your custom design.

THREADED ROD

Individual baffles are supplied with embedded 1/4”-20 gauge threaded rod spaced evenly along length. Coupling nut and additional rod lengths provided by installer.

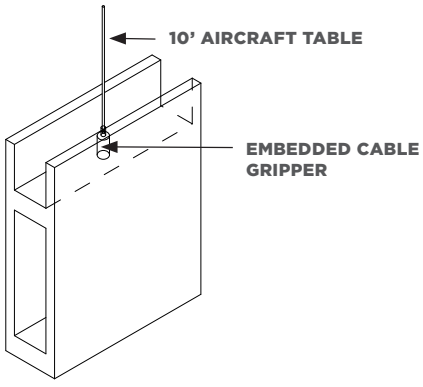


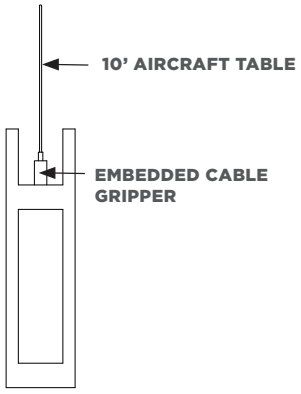


CABLE TO DECK

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

3/64” aircraft cable supplied by TURF.





9MM FELT

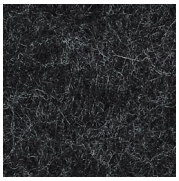
This product is made with 9 mm PET felt board. The process used to create PET felt often results in a heathered effect where multiple tones are present. Slight variations in color should be expected when using this sustainable material.

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.

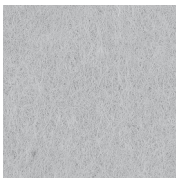

07 BLACK

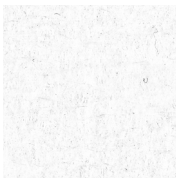

06 CHARCOAL


09 DAMASCUS


98 STORM


04 LIGHT GREY


66 PEWTER


50 IVORY


01 CREAM

33 LUMINARY

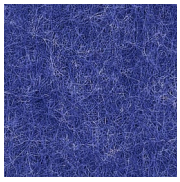

05 WHITE


35 BARK


34 TONAL TAUPE


82 BARLEY


83 HOLLAND OATS


24 ROYAL BLUE


10 TOPO GREEN

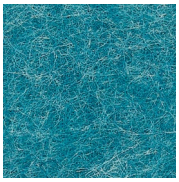

12 GRASSHOPPER


11 CELADON

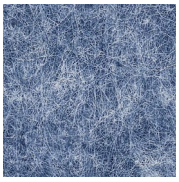

40 MAGENTA


41 DRIED LAVENDER


28 INDIGO

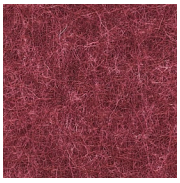

30 CYAN

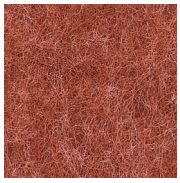

31 AZURE


27 JEAN JACKET

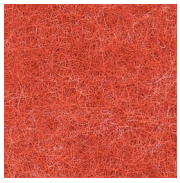

26 FADED DENIM

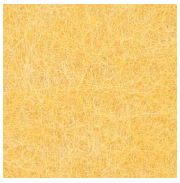

23 RED


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.

* **There is an additional product cost for Wood Textures.**

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

TECH

ACOUSTICS
ASTM C423-17: Type J Mounting

FIRE RATING
ASTM E-84 – Class A

VOC
ASTM D5116 Compliant

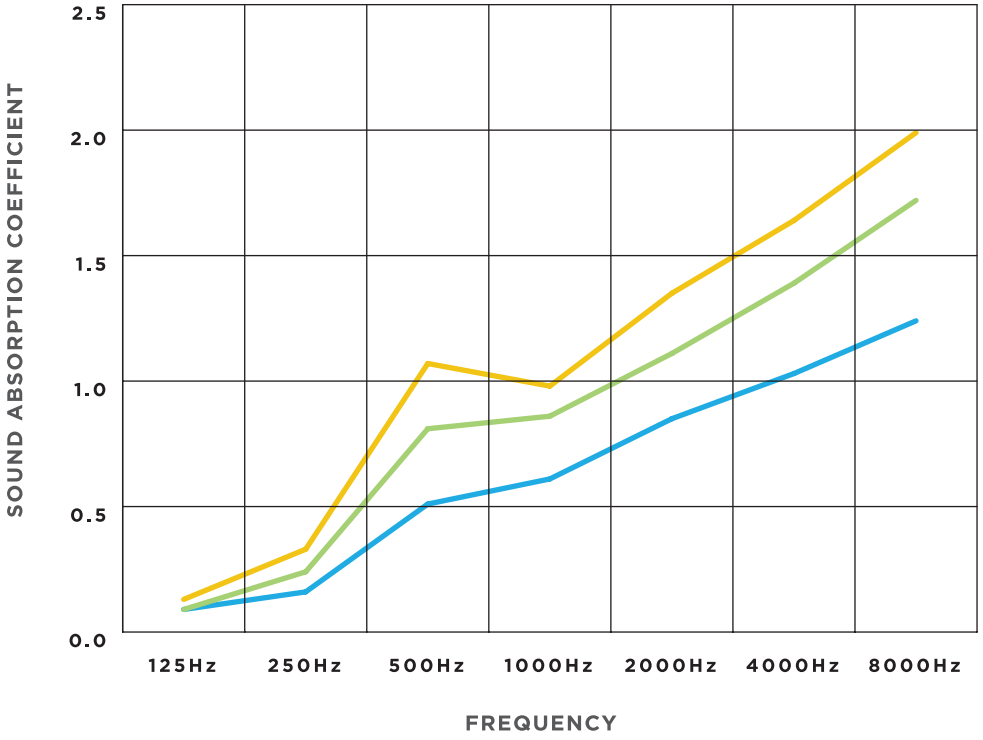
DETAILS

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.



ASTM C 423-17: Type J Mounting - The specimen is an array of straight sound absorbing baffles suspended from a cable approximately 1295.4 mm (51") above the horizontal test surface. This approximates the mounting method of a typical ceiling baffle installation. The baffles were evenly distributed in a single row of 10 units. Baffles were spaced 304.8 mm (12") apart. Actual acoustic performance will vary based on the shape of the baffle.


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
□ LBC Red List Approved
□ Declared

% Disclosed: 100% at 100ppm
VOC Content: Not Applicable

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

MANUFACTURER RESPONSIBLE FOR LABEL ACCURACY
INTERNATIONAL LIVING FUTURE INSTITUTE™ living-future.org/declare