

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"

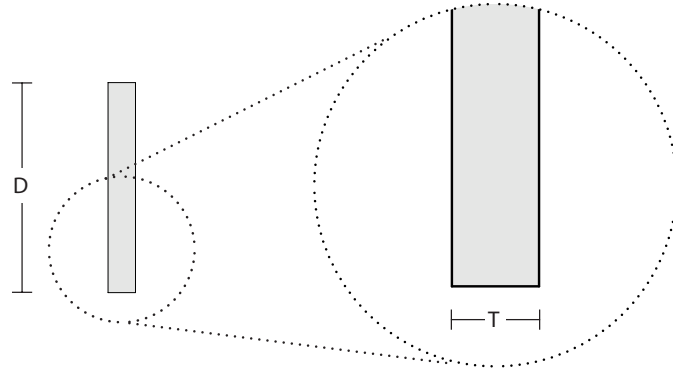
SPACING

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).

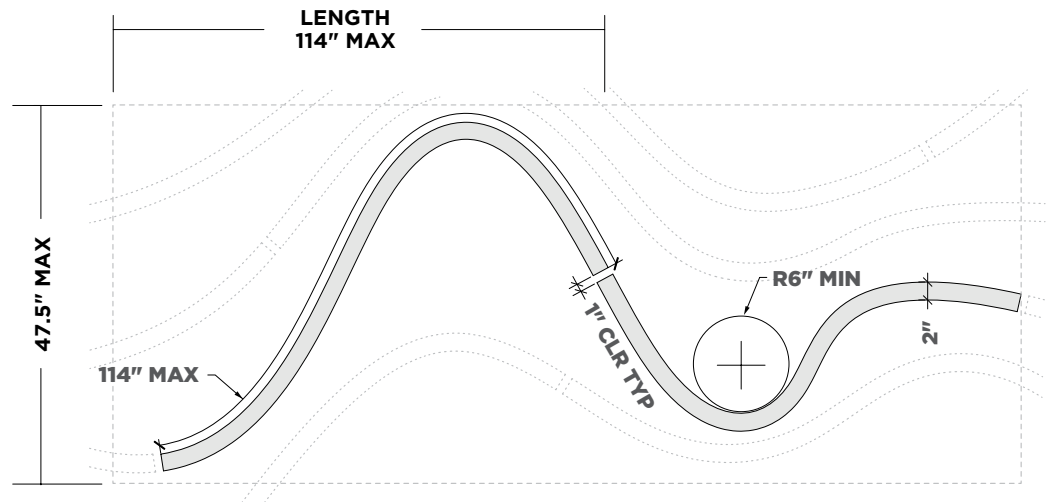
FRONT ELEVATION



SIDE ELEVATION



PLAN VIEW

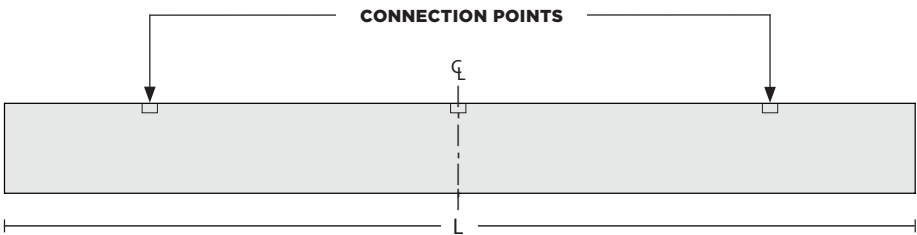


CONNECTIONS

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

CONNECTION TYPES

- All Thread
- Cable to Deck

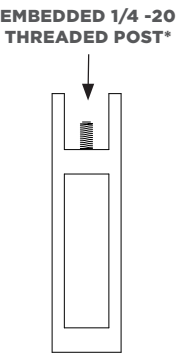
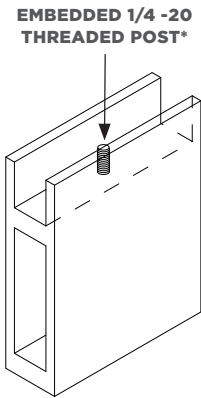


BAFFLE LENGTH	CONNECTION SPACING
18" to 30"	12" O.C.
30" to 54"	24" O.C.
54" to 95"	48" O.C.
95" to 114"	60" O.C.

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

THREADED ROD

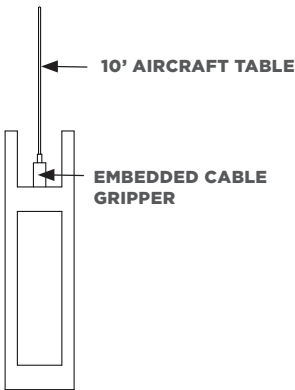
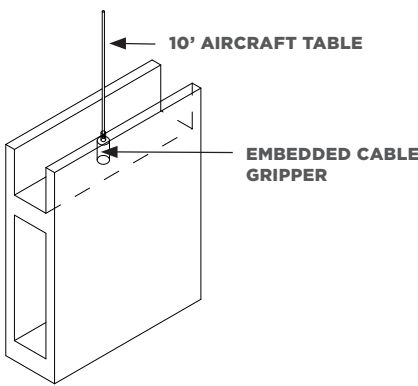
Individual baffles are supplied with embedded 1/4"-20 gauge threaded rod spaced evenly along length. Coupling nut and additional rod lengths provided by installer.



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

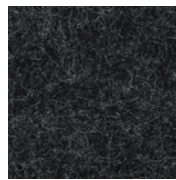
This product is made with 9 mm PET felt board. The process used to create PET felt often results in a heathered effect where multiple tones are present. Slight variations in color should be expected when using this sustainable material.

Felt thickness is 9 mm +/- 0.5 mm.

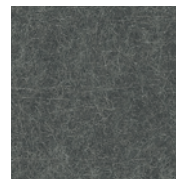
Monitors and printers vary. Please request a material sample to verify felt colors.



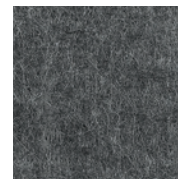
07 BLACK



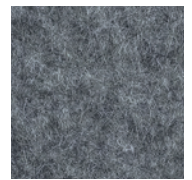
06 CHARCOAL



38 MATTE GRAY



86 SLATE



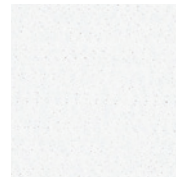
98 STORM



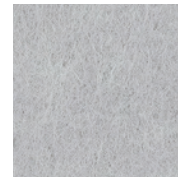
01 CREAM



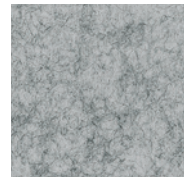
50 IVORY



05 WHITE



66 PEWTER



04 LIGHT GREY



78 WHEAT



82 BARLEY



54 LATTE



48 LIGHT BROWN



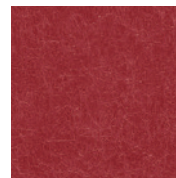
32 BROWN



94 CORAL



42 ORANGE



16 RED



58 RASPBERRY



39 LAVENDER



20 MANGO



62 SUNFLOWER



45 YELLOW



47 LIME



14 GREEN



70 AQUA



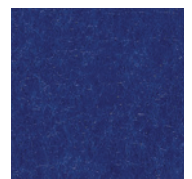
90 SKY



25 LIGHT BLUE



74 DENIM



29 DARK BLUE

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.

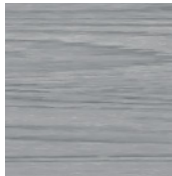
*** Please note there is additional lead time for custom matching. Texture and customization will incur additional costs beyond our standard 9 mm options.**

Felt thickness is 9 mm +/- 0.5 mm.

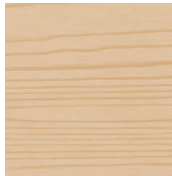
Monitors and printers vary. Please request a material sample to verify felt colors.



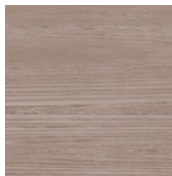
D01 WHITE ASH



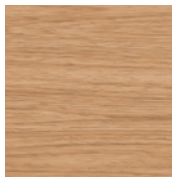
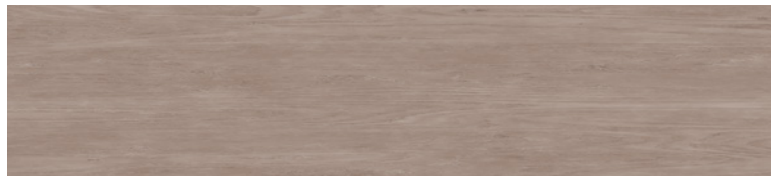
D02 SILVER TEAK



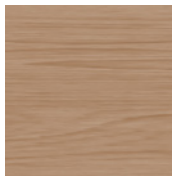
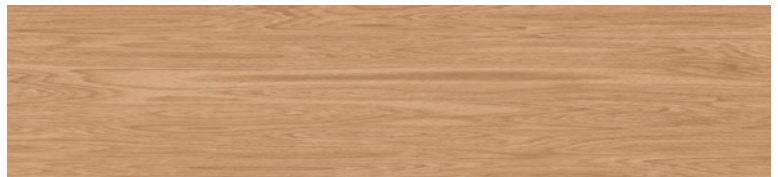
D03 CLEAR MAPLE



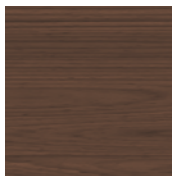
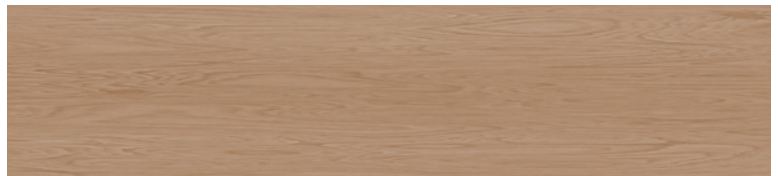
D04 WASHED ASH



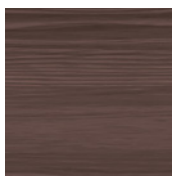
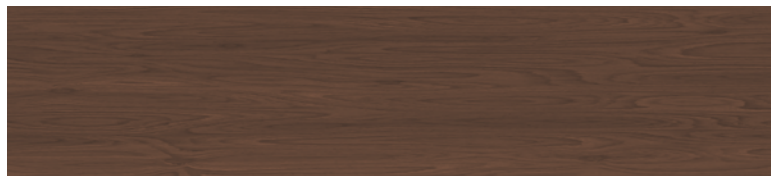
D05 MEDIUM OAK



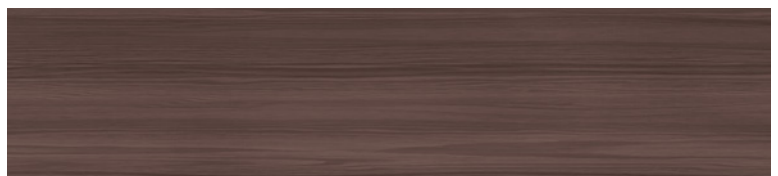
D06 PLANKED OAK



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

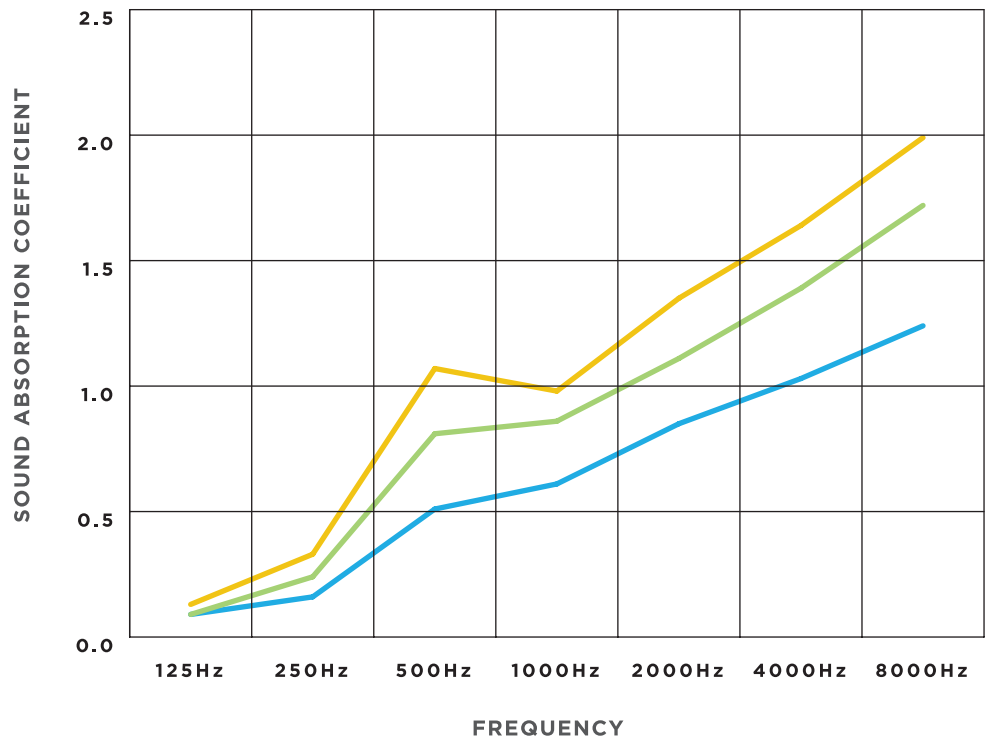
Ships in four (4) weeks

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.



- FREEFORM BAFFLE SPACED 12" O.C.; NRC = .55
- FREEFORM BAFFLE SPACED 8" O.C.; NRC = .75
- FREEFORM BAFFLE SPACED 6" O.C.; NRC = .95

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.

