DATUM
ceiling baffle

Detailed & Refined

Datum merges strong acoustic performance with delicate detail. The beveled interior edges of each baffle lend subtle sophistication as well as the opportunity for a contrasting color. With multiple installation options, the Datum ceiling baffle system can transform any space.

PATENT PENDING

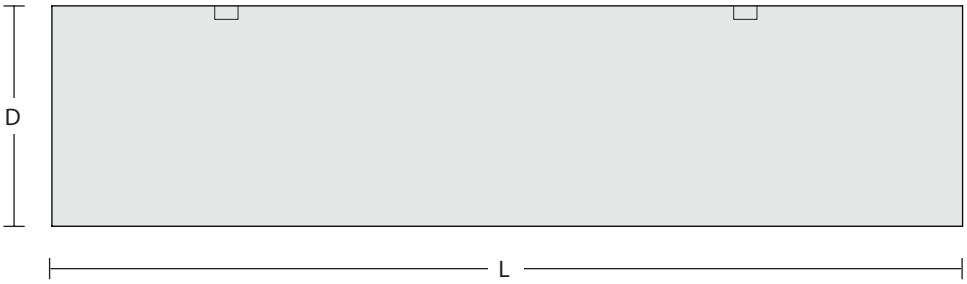
SPECS

PRODUCT
Datum 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.

FRONT ELEVATION



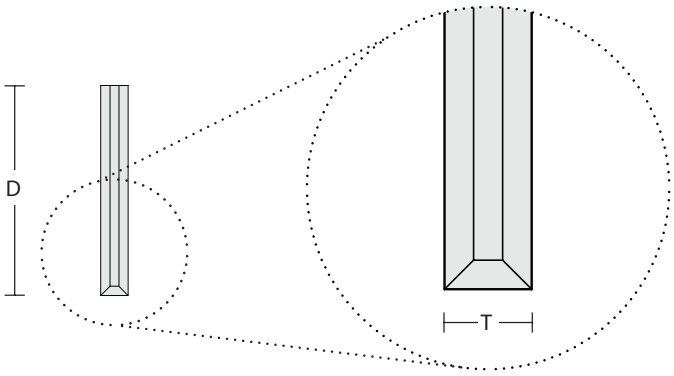
LENGTH

SMALL RANGE
12" L to 35.5" L

MEDIUM RANGE
36" L to 71.5"L

LARGE RANGE
72" L to 119" L

SIDE ELEVATION



DEPTH

STANDARD DEPTH
11.25" D

Custom depths available upon request.

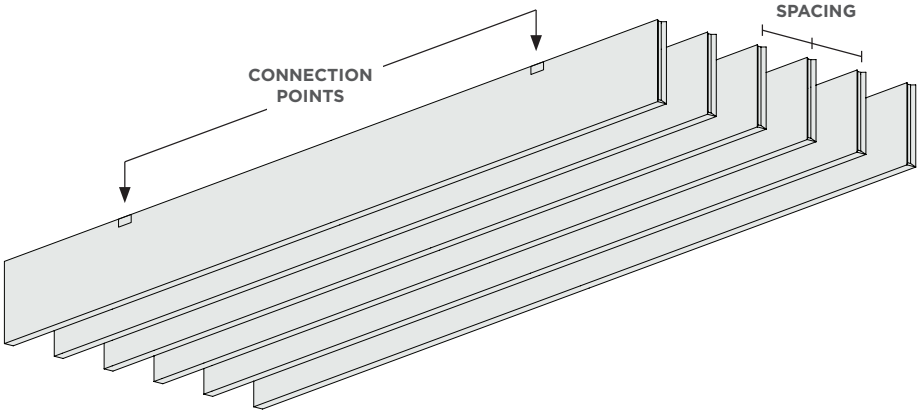
THICKNESS

FELT THICKNESS
9 mm

BAFFLE THICKNESS
27 mm

EDGE DETAIL
Datum folds a sheet of 9 mm felt around a 9 mm felt core. Beveled edges on the exterior create a unique design detail on the sides of the baffles.

SYSTEM



SPACING

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

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

CONNECTIONS

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

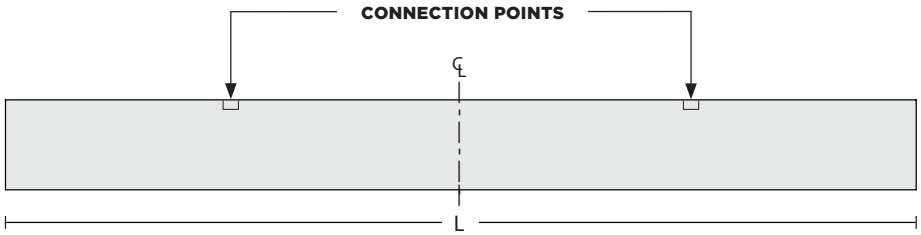
TURF has a dozen (almost) different connection types:

MOST COMMON

Feltlock
Gridlock
Cable to Deck

ALSO AVAILABLE

Rotated Feltlock
Cable to Unistrut
All Thread
Panel Clip
Embedded Nut

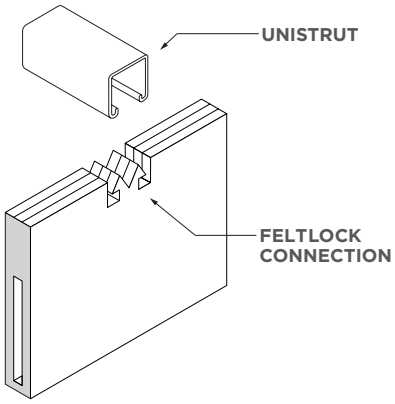


BAFFLE LENGTH	CONNECTION SPACING
18” to 30”	12” O.C.
30” to 54”	24” O.C.
54” to 95”	48” O.C.
95” to 119”	60” O.C.

FELTLOCK

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

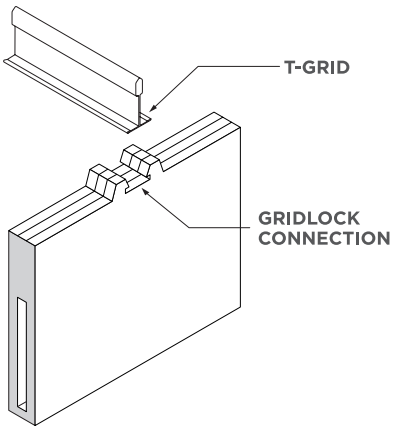
P1000 series Unistrut, raw galvanized finish or powder-coated, hardware is required.



GRIDLOCK

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

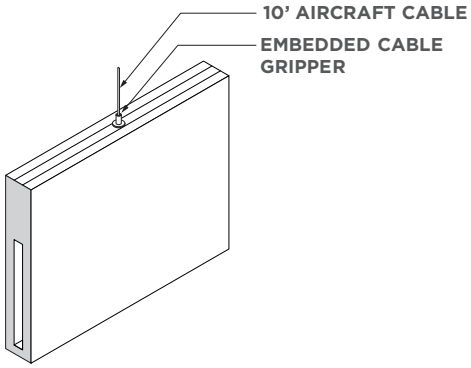
9/16” and 15/16” t-grid in a 2’x2’ and 2’x4’ layout required.



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.



9MM FELT

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

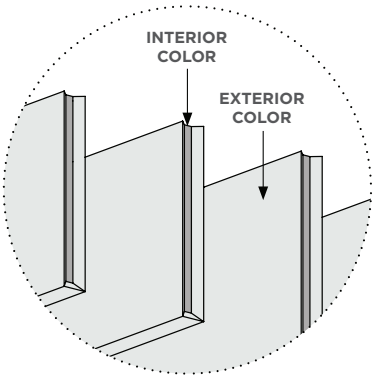
The process used to create PET felt often results in a heathered effect where multiple tones are present. Slight variations in color should be expected when using this sustainable material.

Felt thickness is 9 mm +/- 0.5 mm.

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

COLOR REVEAL

Using different colors for the interior and exterior will create a color reveal on the side of **Datum**.



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

TECH

ACOUSTICS
ASTM C423-17: Type J Mounting

FIRE RATING
ASTM E-84 – Class A

VOC
ASTM D5116 Compliant

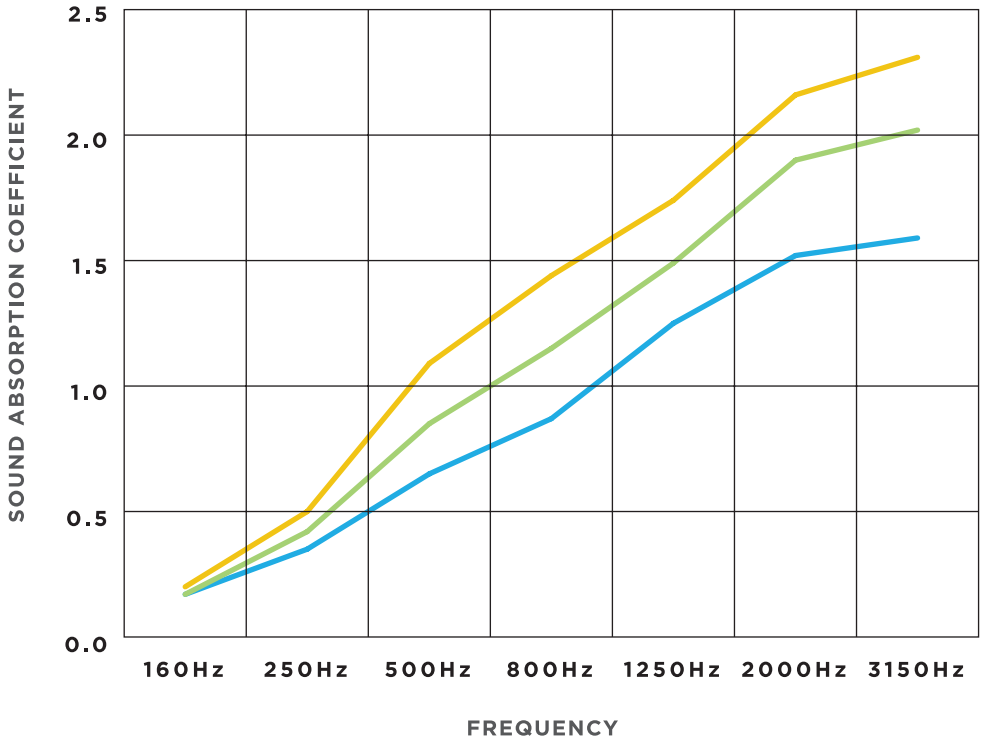
DETAILS

DURABILITY
Contract

LEAD TIME
Ships in four (4) weeks

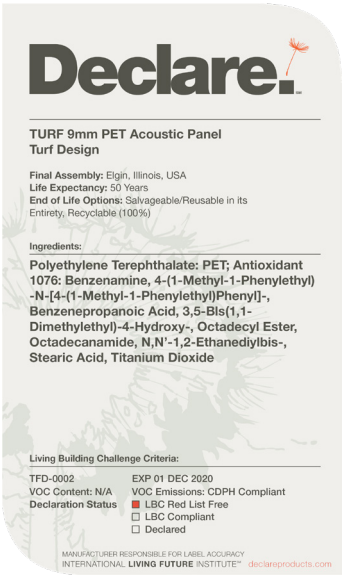
WARRANTY
Three (3) years

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.



DATUM BAFFLE SPACED 12" O.C.; NRC = .90
DATUM BAFFLE SPACED 8" O.C.; NRC = 1.10
DATUM BAFFLE SPACED 6" O.C. ; NRC = 1.35

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-Ethanediylbis-, Stearic Acid, Titanium Dioxide

Living Building Challenge Criteria:

TFD-0002 — EXP 01 DEC 2020
VOC Content: N/A — VOC Emissions: CDPH Compliant
Declaration Status
■ LBC Red List Free
☐ LBC Compliant
☐ Declared

MANUFACTURER RESPONSIBLE FOR LABEL ACCURACY
INTERNATIONAL LIVING FUTURE INSTITUTE℠ declareproducts.com