

Acoustic Ceiling Tile

# Mesh

Waves at work

Wild wavelets put in serious acoustic work. Mesh is a highly flexible system with undulating, noise-defying layers that create a soothing ripple effect.



Image by Blaque



# How To Specify

## Key Information

Mesh is a single tile that is designed to be placed end to end. Consider these questions as you design your layout.

If shop drawings are required for your project, please follow steps 1 - 5.

## Fast Track

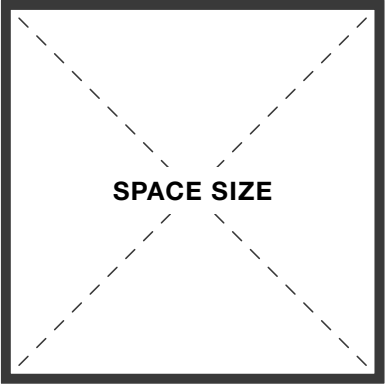
If you're looking to expedite your project, this product is available as Turf Fast Track!

Using Fast Track, our standard lead time for shop drawings is eliminated allowing the project to move directly into production.

Please note, installation and seaming drawings are not included in this process.

Turf recommends 10-15% additional tiles to cover overage / attic stock.

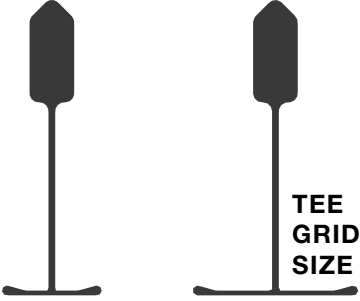
1



What are the dimensions of the space?

PAGE 5

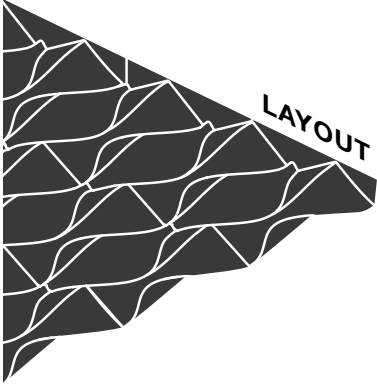
2



What is the size of the tee grid?

PAGE 3

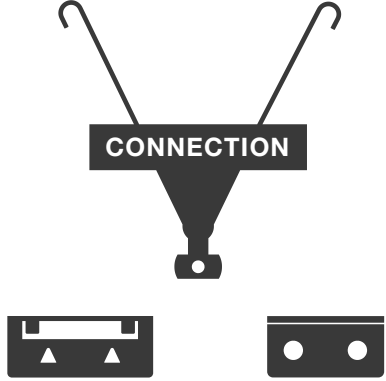
3



What is the proposed layout?

PAGE 4


4



How will Mesh Tiles mount to the ceiling?


PAGE 5

5



What is the color?

PAGE 10



1. Are you using 9/16" or 15/16" tee grid?

2. Are you using Magnetic Clip, Grid Clip or Torsion Spring connection?

3. What is the color of the tiles?

4. How many tiles do you need?

5. Do you need additional infill tiles?

6. Do you want to include any additional product for overage or attic stock?



Dimensions

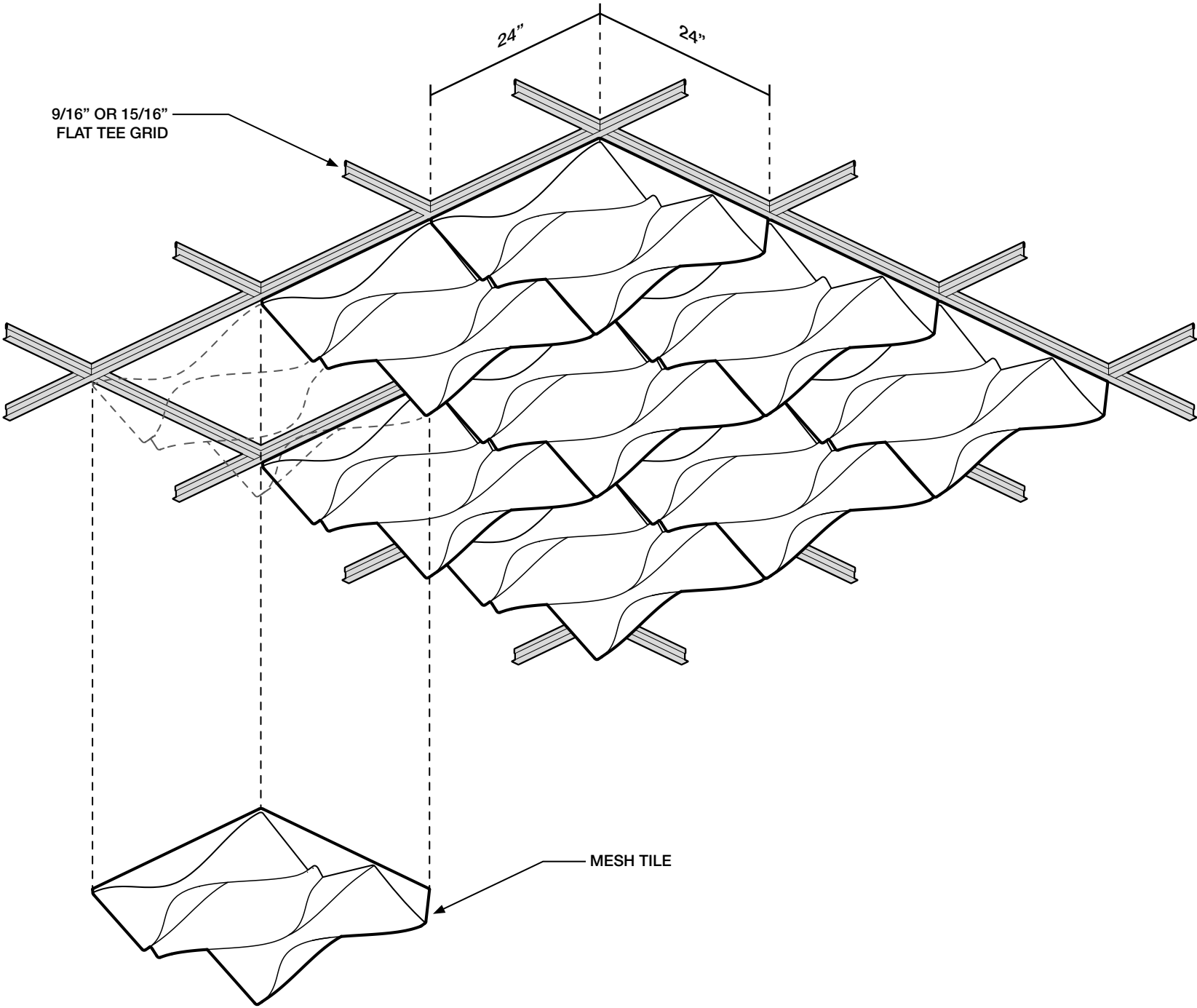
Standard Size	24" L x 24" W x 4.5" D
	See Tile Types & Layouts page for more information.

Connection Options

9/16" or 15/16" Flat Tee Grid	Magnetic Clips Grid Clips Torsion Spring
	See Connections page for more details.

Color

5mm Palette	Mesh Tiles can be specified in any of our 5mm felt colors.
Tee Grid Color	Turf recommends coordinating the tee grid color with our 5mm tile color to account for flexibility in the material. For example, using black tee grid with M07 Onyx.



ALL DIMENSIONS NOMINAL UNLESS NOTED OTHERWISE



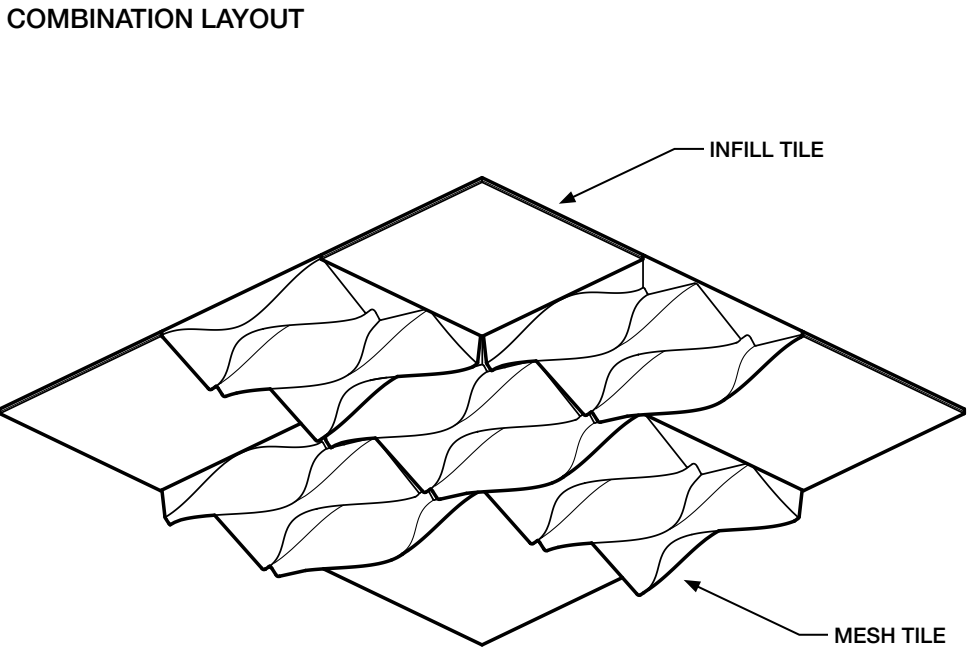
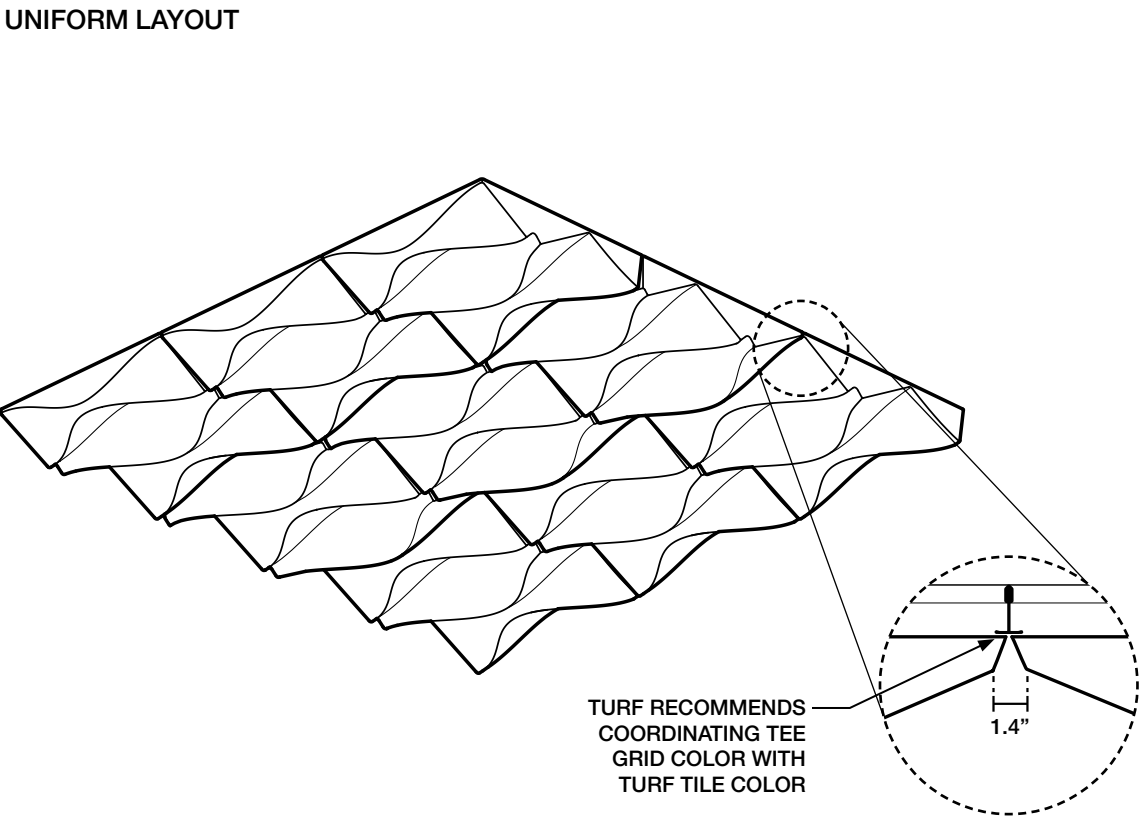
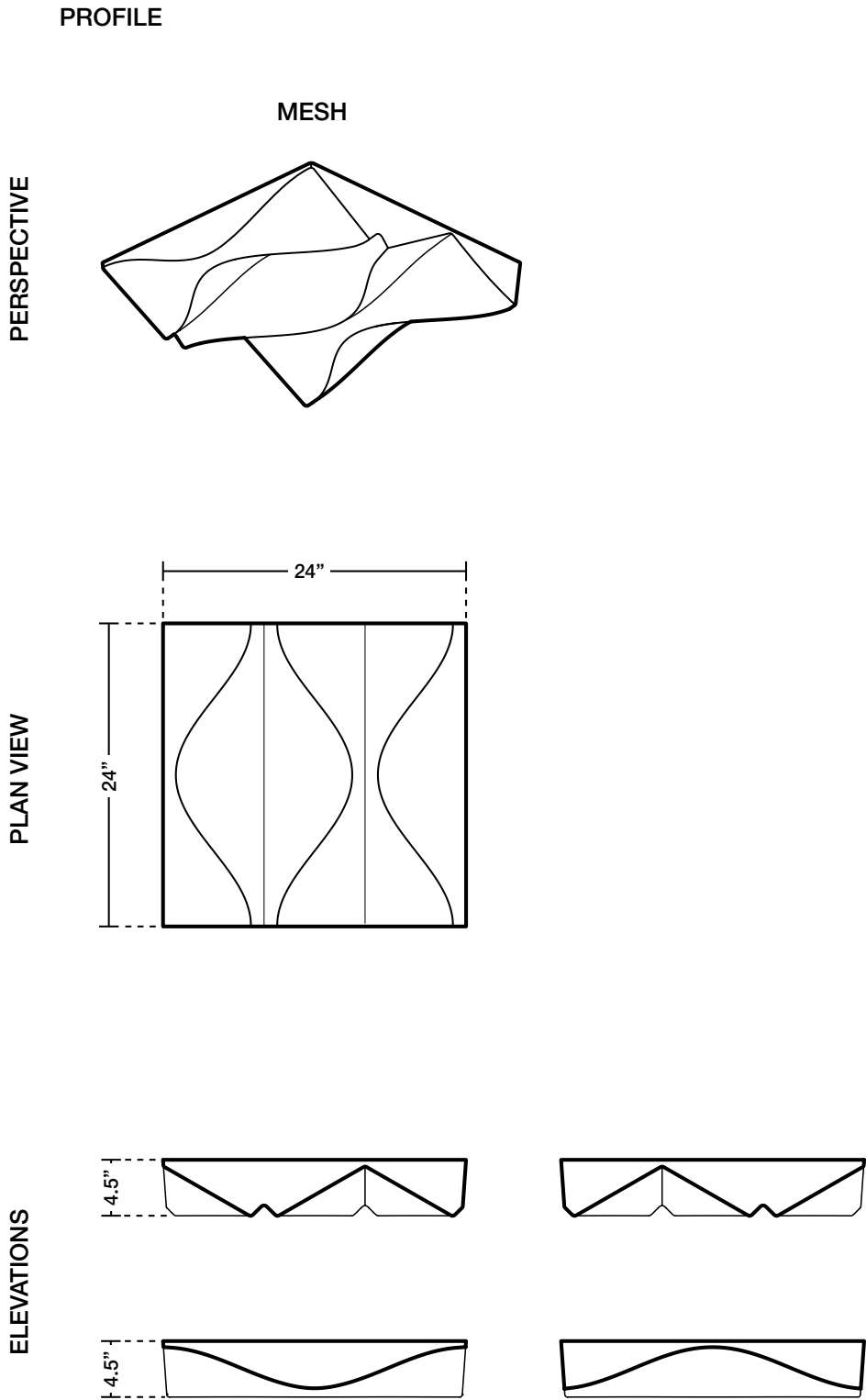
Tile Types & Layouts

- Design

Mesh is a one tile system that can be repeated to create an undulating surface.
- Uniform

Tiles are placed end to end, maintaining the same orientation.
- Combination

Turf tiles are designed to have compatibility across our entire line.



ALL DIMENSIONS NOMINAL UNLESS NOTED OTHERWISE



Connections

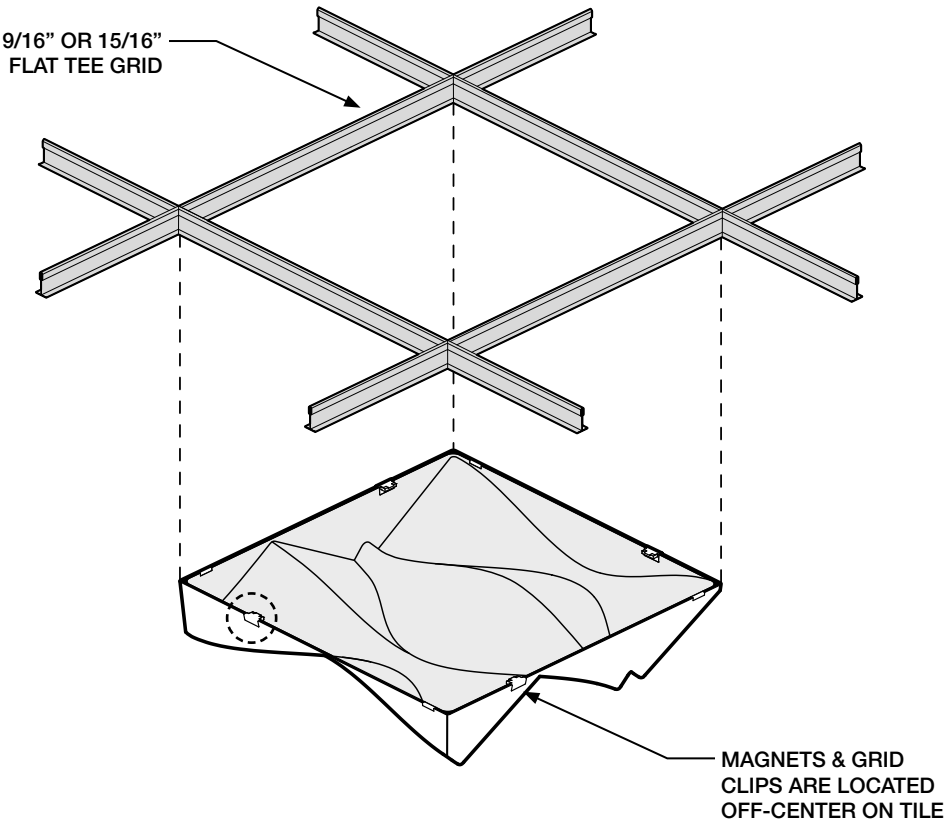
9/16" or 15/16" Tee Grid

Seismic Connection

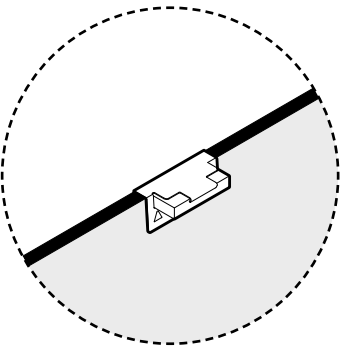
Magnetic Clips  
Grid Clips  
Torsion Spring

If your project is located in a seismic zone, use our Torsion Spring connection.

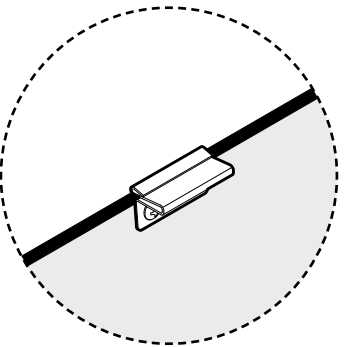
MAGNETIC CLIP & GRID CLIP



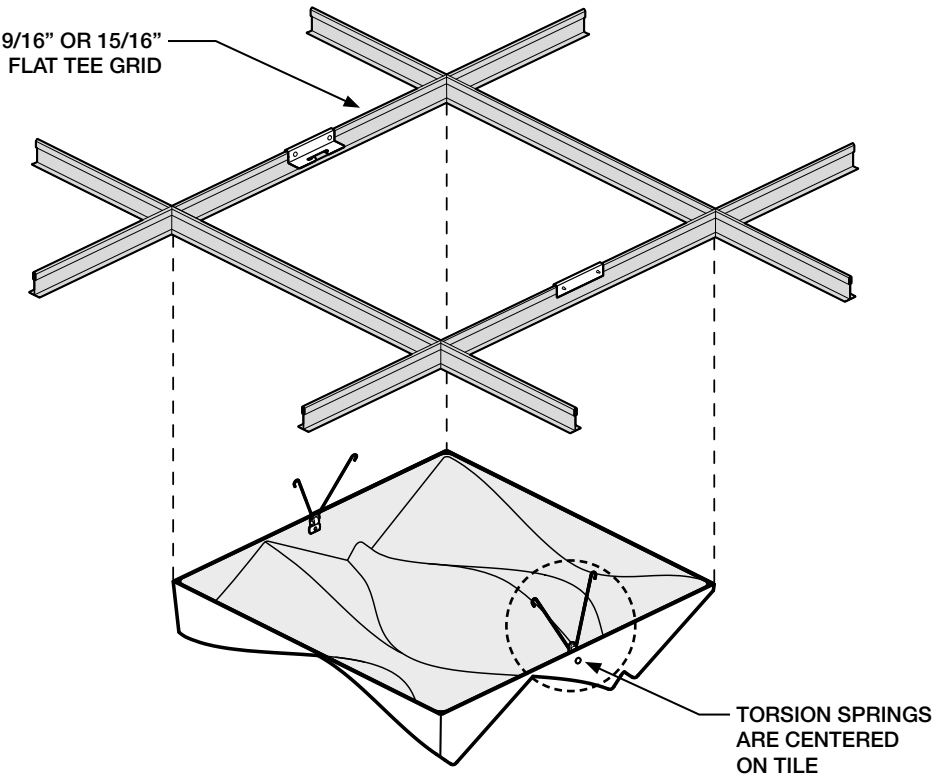
MAGNETIC CLIP



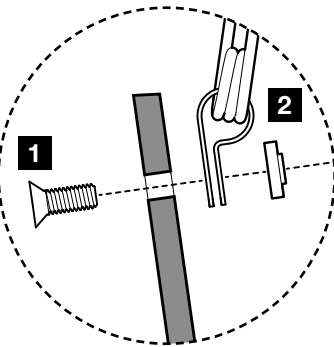
GRID CLIP



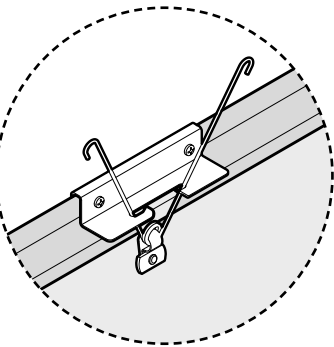
TORSION SPRING



TORSION SPRING ASSEMBLY



TORSION SPRING LOCKED IN PLACE



**1** DRILL 1" SCREW THROUGH ONE OF THE PRECUT HOLES IN TILE

**2** PLACE LOOP CLAMP THROUGH CENTER OF SPRING AND USE WELD NUT TO HOLD ENTIRE ASSEMBLY IN PLACE

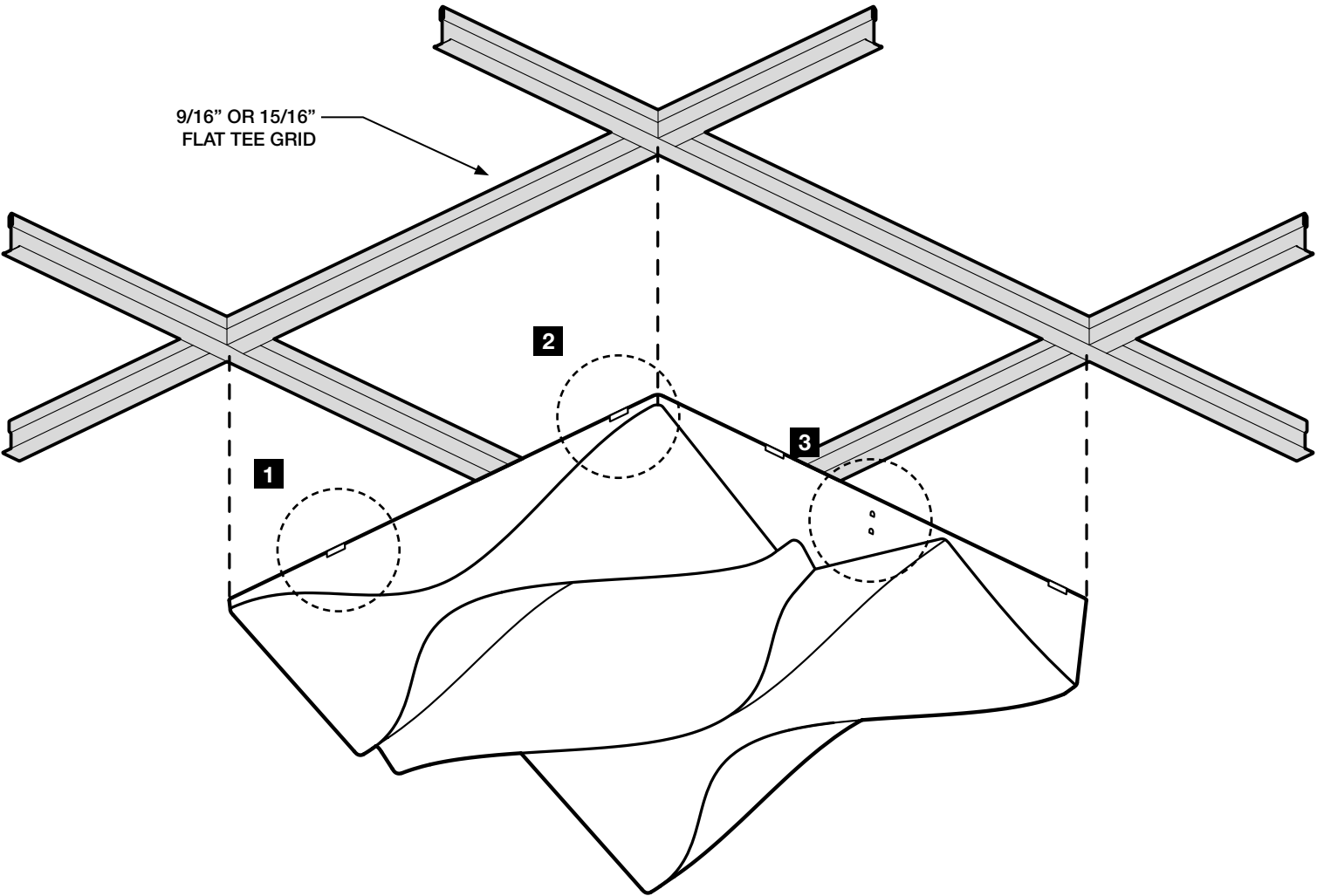
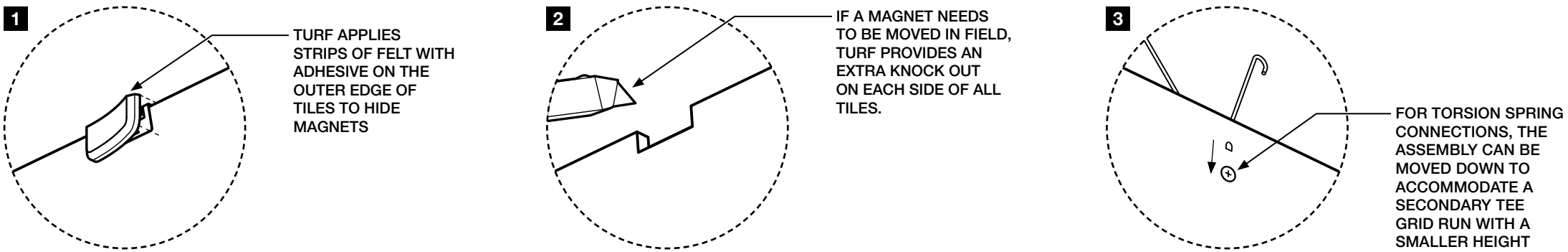
# Mounting Considerations

- Adhesive Strips

The adhesive strips are used to hide the exposed edge of the magnets.
- Knock Outs

Each side of the tile includes pre-cut knock outs in case magnets need to be moved during installation.
- Torsion Spring Assembly

The Torsion Spring mounting height can be adjusted in field.



Tile Coordination

Tile Line

Tiles within the same family or similar depths can work well together.

See Typical Layouts page for examples.

Infill Tiles

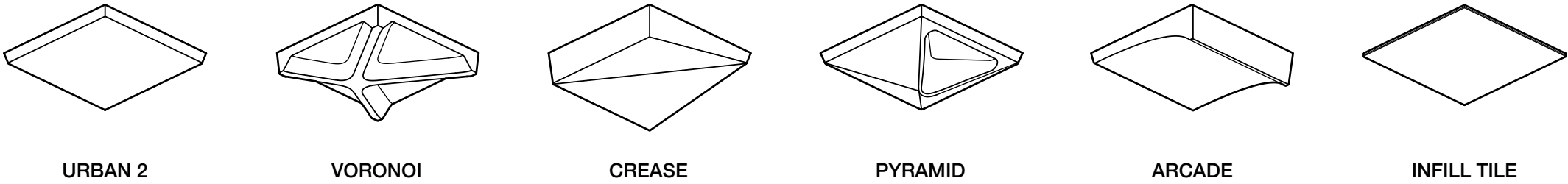
Plain, flat tiles can be used where field cutting is required to work around obstructions.

Infill tiles act like traditional lay-in ACT tiles. Magnets can be added upon request to hide the grid.

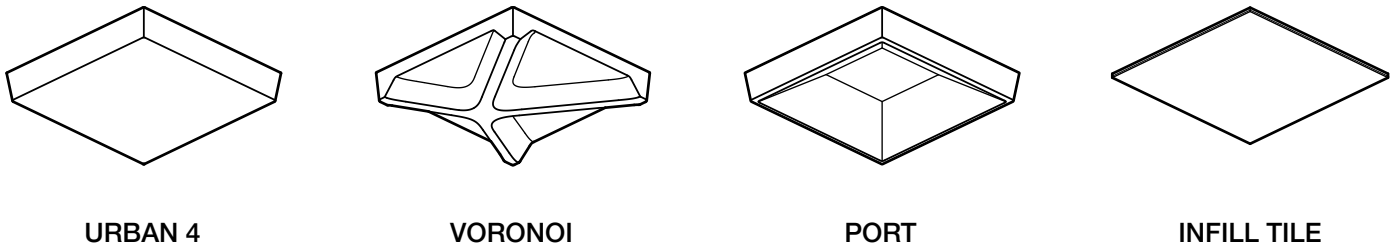
Infill Standard Size

24"L x 24"W x 14mm D

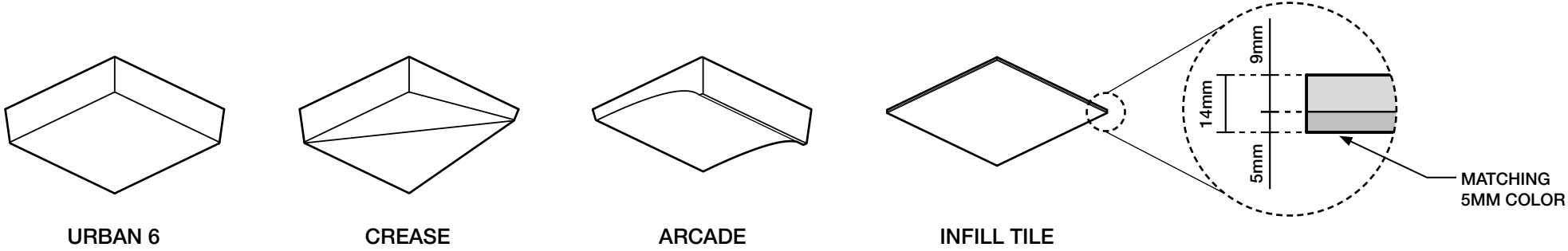
2" DEEP COORDINATION



4" DEEP COORDINATION



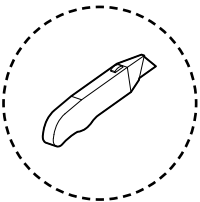
6" DEEP COORDINATION



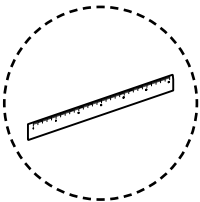
# Trim Guide

Our tiles are designed to install quickly, with modifications that are easily done in the field.

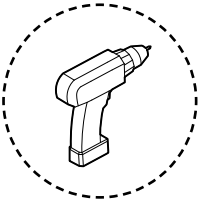
## Tools Required



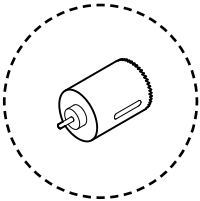
SHARP BLADE



STRAIGHT  
EDGE



DRILL

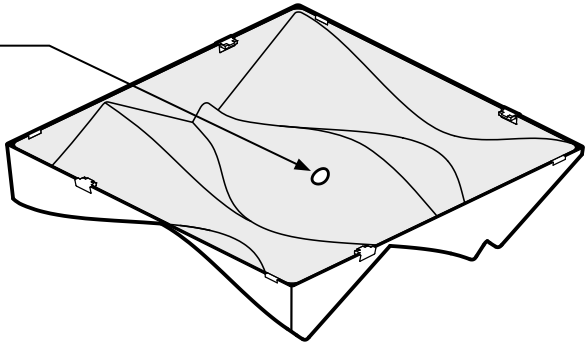


HOLE SAW

### 1 - TRIM OR DRILL TILE FACE

TRIM OR DRILL TILE FACE TO  
ACCOMMODATE FIXTURES  
AND OBSTRUCTIONS

BECAUSE MESH TILES DO  
NOT HAVE A FLAT FACE,  
TURF RECOMMENDS USING  
URBAN TILES OR FLAT FILL WHEN  
CUTTING HOLES FOR FLUSH OR  
RECESS MOUNTED FIXTURES

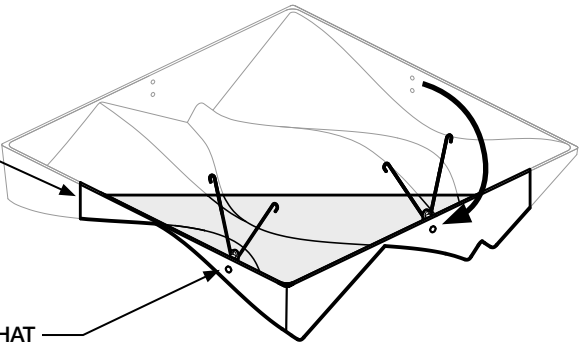


\*PLEASE NOTE, TO CUT CIRCULAR HOLES TURF RECOMMENDS  
USING A HOLE SAW IN REVERSE FOR A CLEANER EDGE

### 3 - TRIM TILE TO FIT - TORSION SPRING

TRIM TILE AS REQUIRED  
TO FIT SPACE

TURF RECOMMENDS THAT  
TILES MAINTAIN A MINIMUM  
OF TWO CONNECTION POINTS  
FOR TORSION SPRINGS, MOVE  
SPRINGS AS REQUIRED

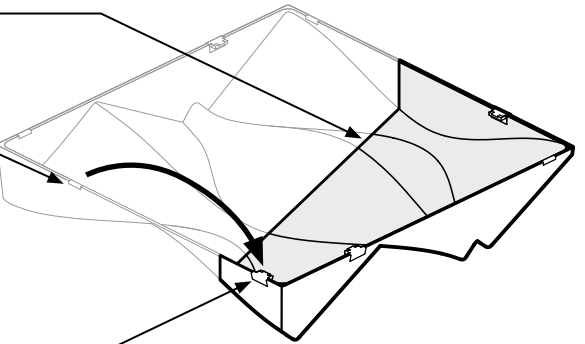


### 2 - TRIM TILE TO FIT - MAGNETIC OR GRID CLIPS

TRIM TILE AS REQUIRED  
TO FIT SPACE

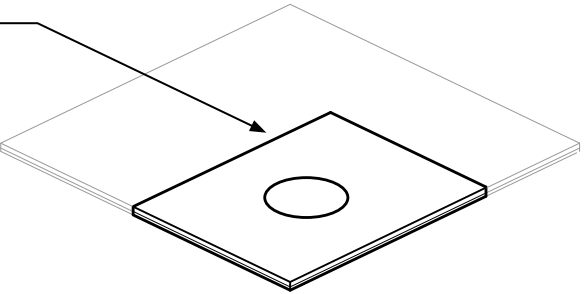
MAGNETS OR CLIPS  
CAN BE MOVED AS  
REQUIRED. ADDITIONAL  
MAGNETS OR CLIPS CAN  
BE ADDED IN FIELD.

TURF RECOMMENDS THAT TILES  
MAINTAIN A MINIMUM OF THREE  
CONNECTION POINTS FOR  
MAGNETIC OR GRID CLIPS



### 4 - TRIM OR DRILL INFILL TILE

TRIM OR DRILL TILE TO  
ACCOMMODATE FIXTURES  
AND OBSTRUCTIONS



\*PLEASE NOTE, TO CUT CIRCULAR HOLES TURF RECOMMENDS  
USING A HOLE SAW IN REVERSE FOR A CLEANER EDGE



Tech

Acoustics	ASTM C 423-17: Type E-400
Fire Rating	ASTM E-84 – Class A
VOC	ASTM D5116 Compliant

Details

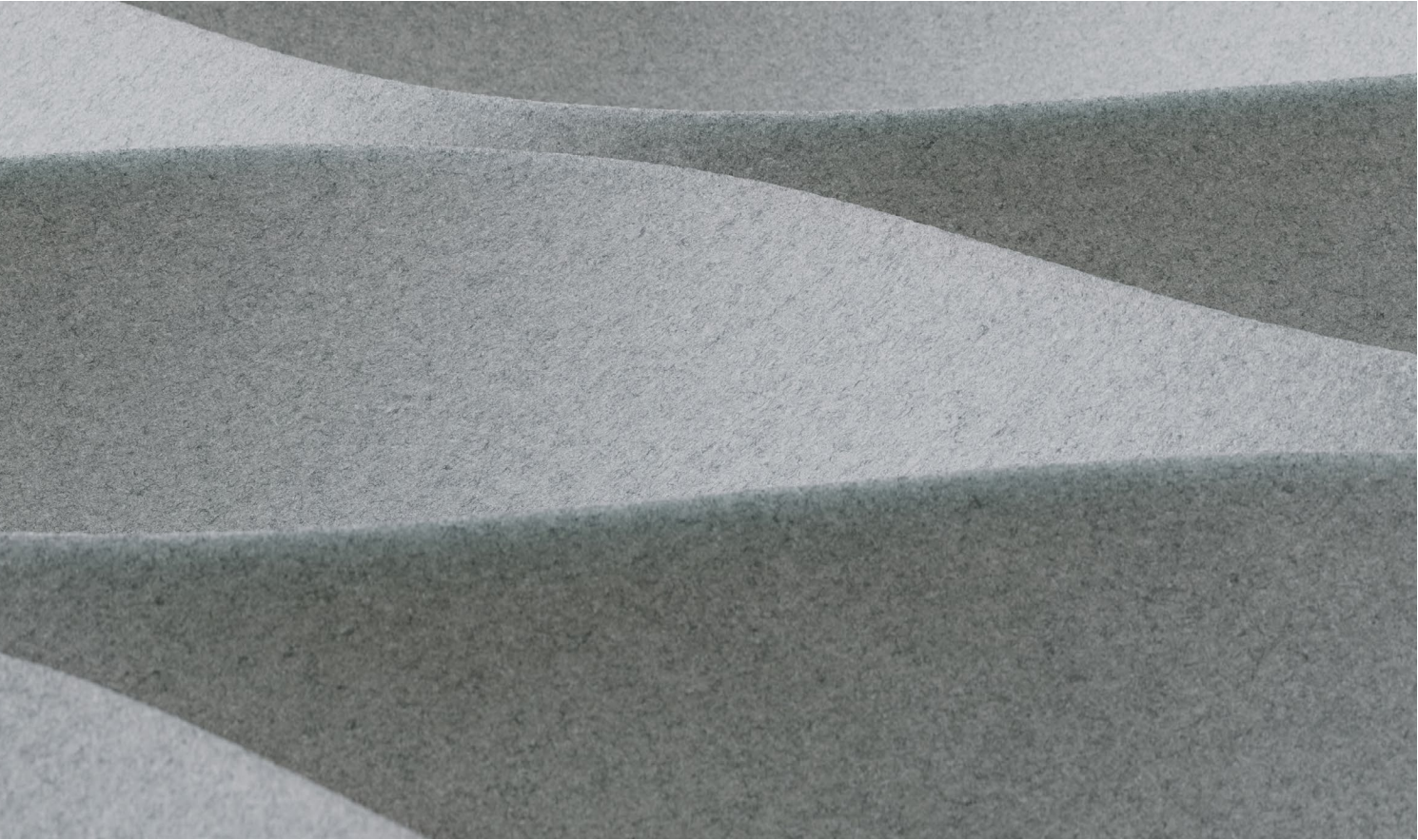
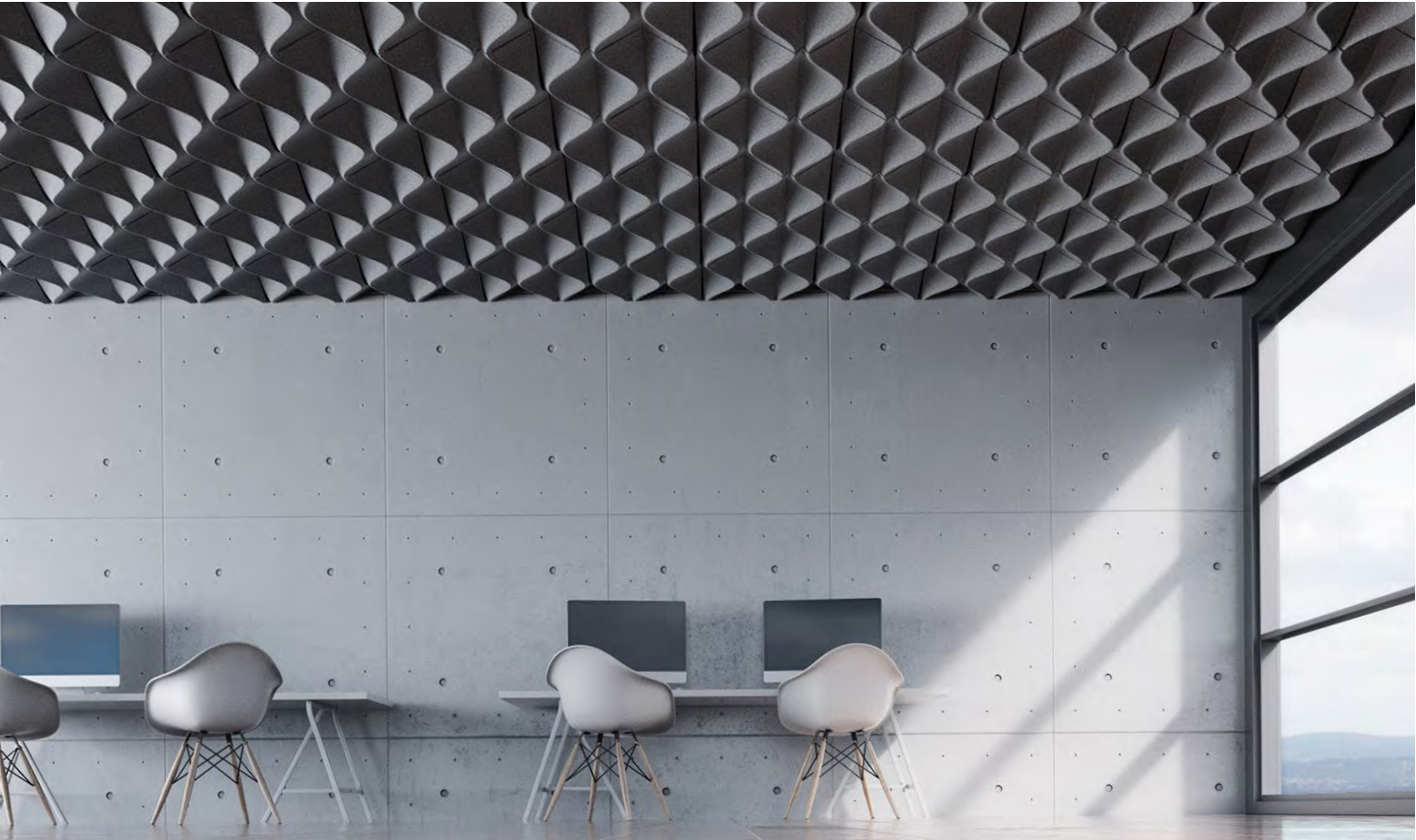
Lead Time	Check the Turf website for current lead times.
Warranty	Five (5) years
Maintenance	Vacuum to remove any particulate matter and air-borne debris or dust. Compressed air can be used to dust the material in difficult to reach areas for large assemblies. Contact us for more information relative to spot cleaning.
Weight	Turf products cannot support the weight of any other items in field.

Acoustic Rating

NRC = 0.95

A grid of ceiling tiles arranged in four rows of four units.

Certifications



# 5mm Colors

Turf’s compression molded ceiling tiles are made with 5mm PET felt.

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

**Felt Thickness**

5mm +/-0.5 mm

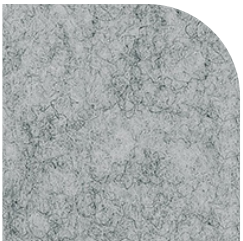
**Monitors and printers vary.**  
**Please request a material sample to verify felt colors.**



M07 ONYX



M06 CARBON



M04 PUMICE



M05 TALC



M01 SANDSTONE



M48 TRAVERTINE

