Acoustic Ceiling Tile

Arcade

Modern Gothic

Vaulted ceilings, sacred sounds. Five different shapes form contiguous arches, invoking the tile's namesake. A toned-down take on Gothic architecture, toning out excessive noise.
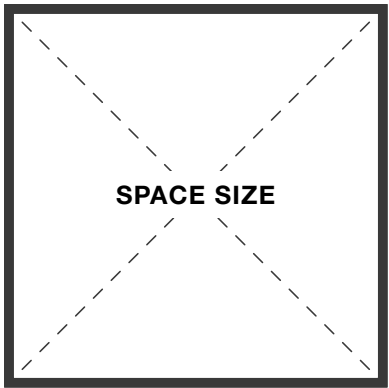
Image by Blaque

TURF

How To Specify

Key Information

Arcade can arch its way through your space in a variety of ways. Consider these questions as you design your layout. If shop drawings are required for your project, please follow steps 1 - 6.
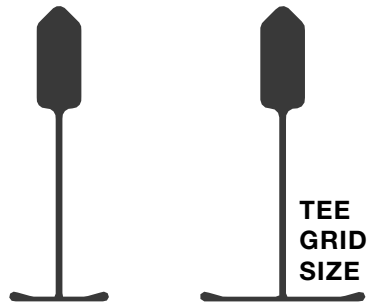
Fast Track

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.
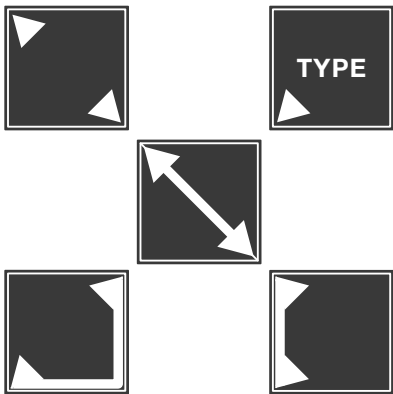
Fast Track Notes

Installation and seaming drawings are not included in this process. Turf recommends 10-15% additional tiles to cover overage / attic stock.
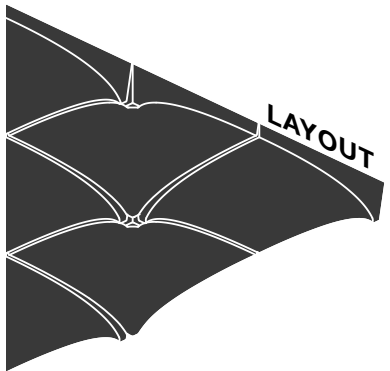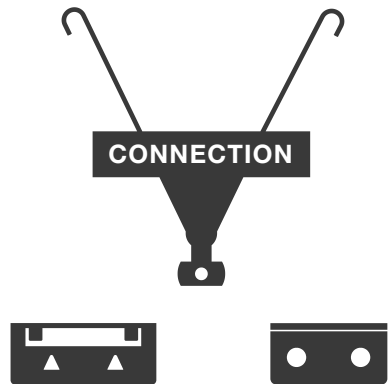
1

SPACE SIZE

What are the dimensions of the space?

2

TEE GRID SIZE

What is the size of the tee grid?

3

TYPE

What is the tile type?

4

LAYOUT

What is the proposed layout?

5

CONNECTION

How will Arcade Tiles mount to the ceiling?

6

COLOR

What is the color?

FAST TRACK

1. Are you using 9/16" or 15/16" tee grid?
2. Which Arcade tile types do you need? See "Tile Types" page for details.
3. Are you using Magnetic Clip, Grid Clip or Torsion Spring connection?
4. What is the color of the tiles?
5. How many tiles do you need?
6. Do you need additional infill tiles?
7. Do you want to include any additional product for overage or attic stock?
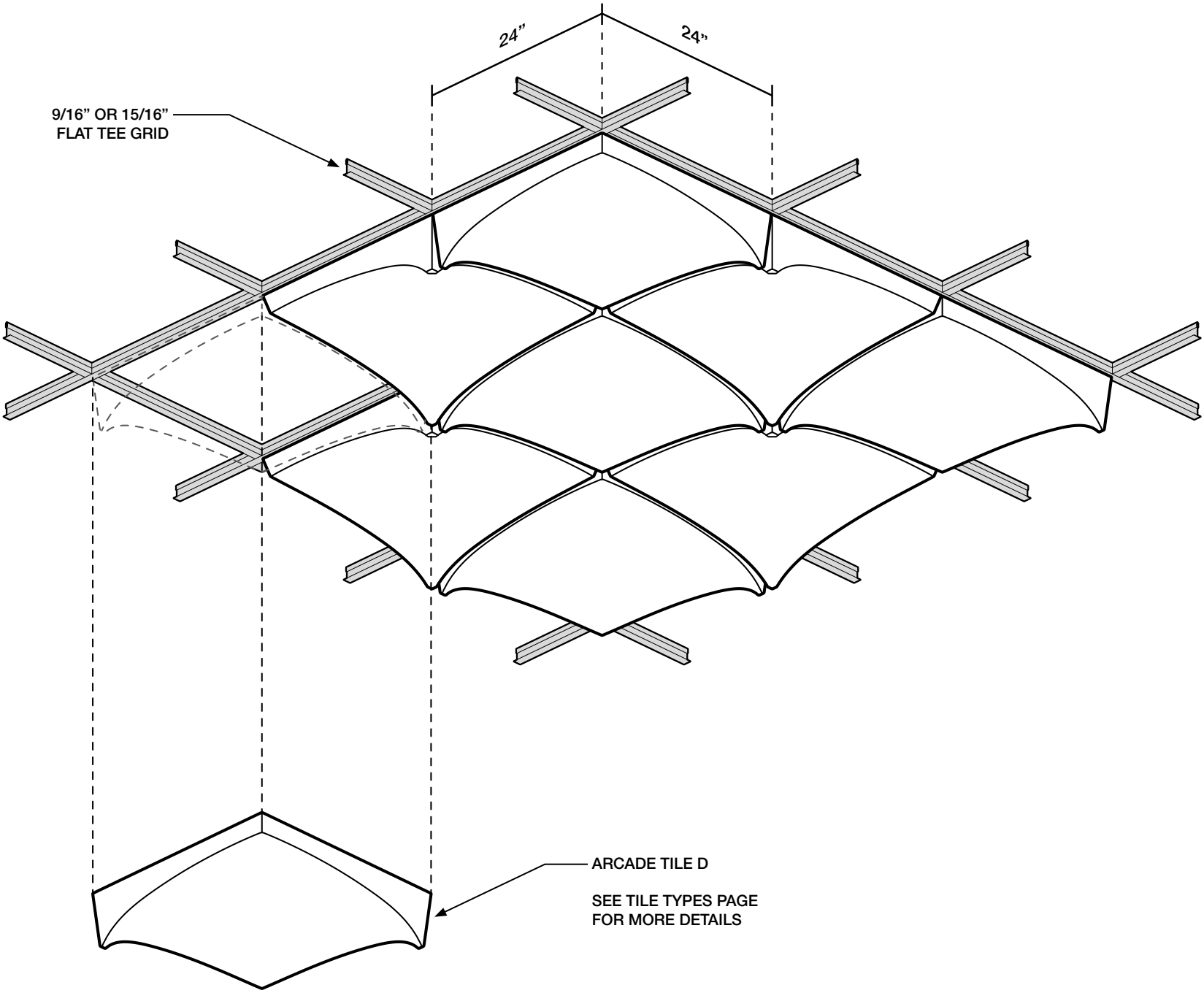
Dimensions

Standard Size   24"L x 24"W x 6"D

Standard Profiles   A, B, C, D, E

                         See Tile Types page for more details.

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   Arcade 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.

24"   24"

9/16" OR 15/16"
FLAT TEE GRID

ARCADE TILE D

SEE TILE TYPES PAGE
FOR MORE DETAILS

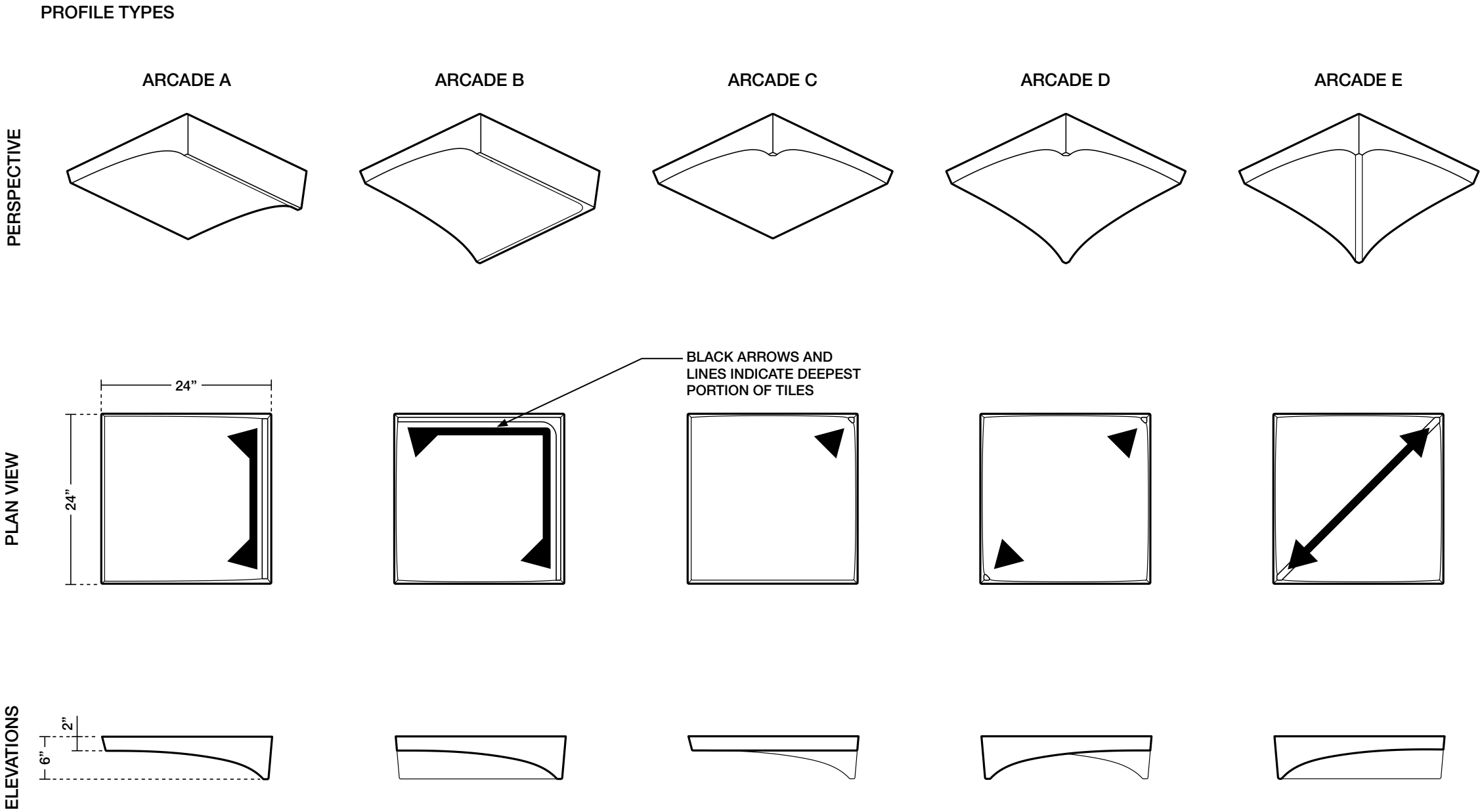**ALL DIMENSIONS NOMINAL UNLESS NOTED OTHERWISE**

Tile Types

Design

Arcade comes in five standard tile types, each with its own unique profile pitch. Coordinate tiles to create a variety of dynamic ceiling aesthetics.

Plan View

All Arcade tiles have a minimum depth of 2" and a maximum depth of 6". In plan, black arrows and lines indicate the deepest portion of the tiles.

PROFILE TYPES

PERSPECTIVE

| ARCADE A | ARCADE B | ARCADE C | ARCADE D | ARCADE E |

BLACK ARROWS AND LINES INDICATE DEEPEST PORTION OF TILES

PLAN VIEW

24"

24"

ELEVATIONS

2"

6"

Typical Layouts

Uniform A

Using only A tiles, create a rhythmic series of arches.

Uniform D

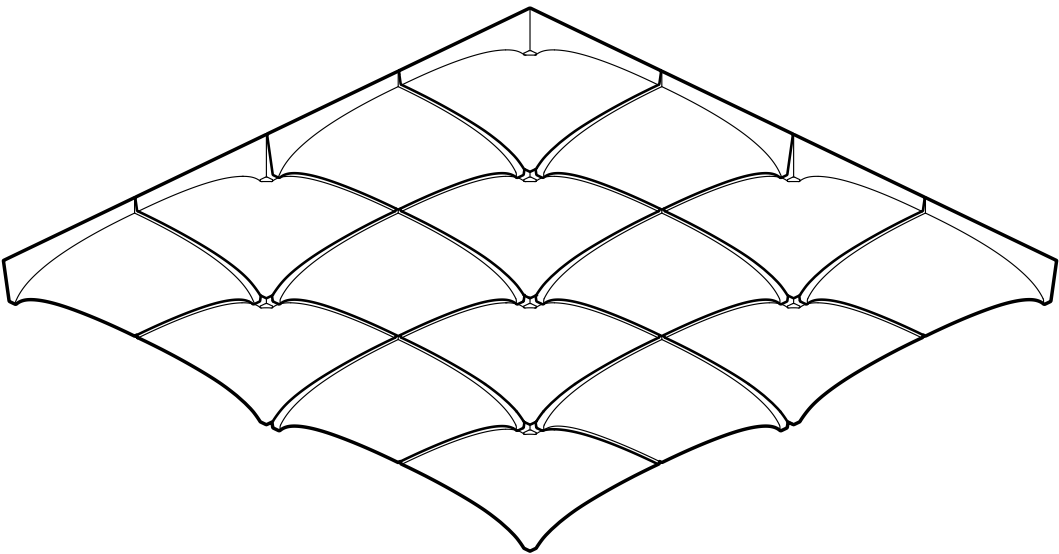Using only D tiles, create a series of subtle vaults.

Unique Layout

All Arcade layouts can be configured in many ways, beyond these examples.

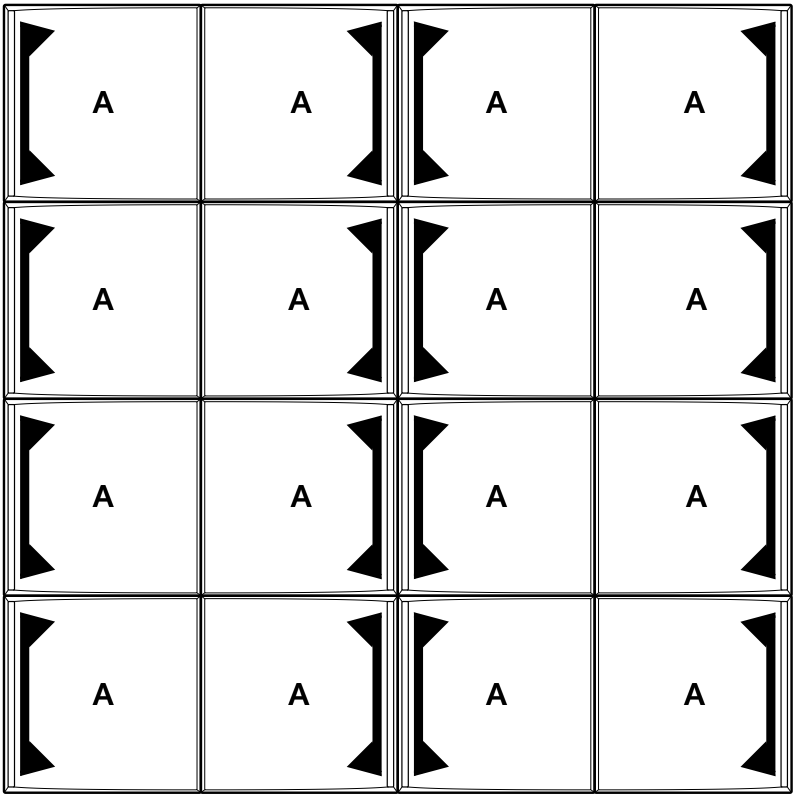In plan view, if the black arrows and lines match at their meeting points, the layout is viable.
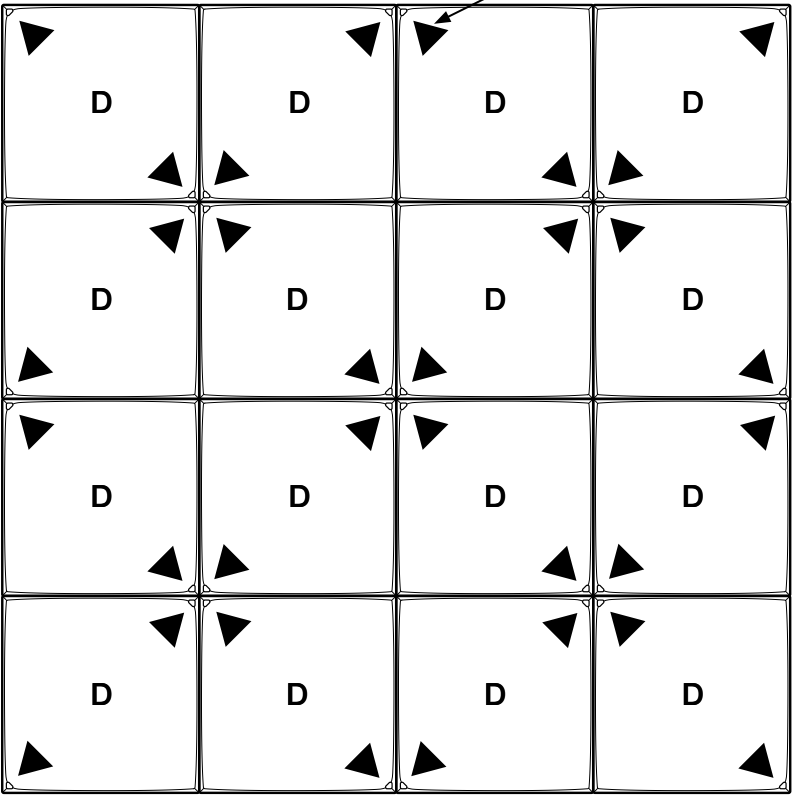

UNIFORM A

UNIFORM D

TURF RECOMMENDS COORDINATING TEE GRID COLOR WITH TURF TILE COLOR

1"
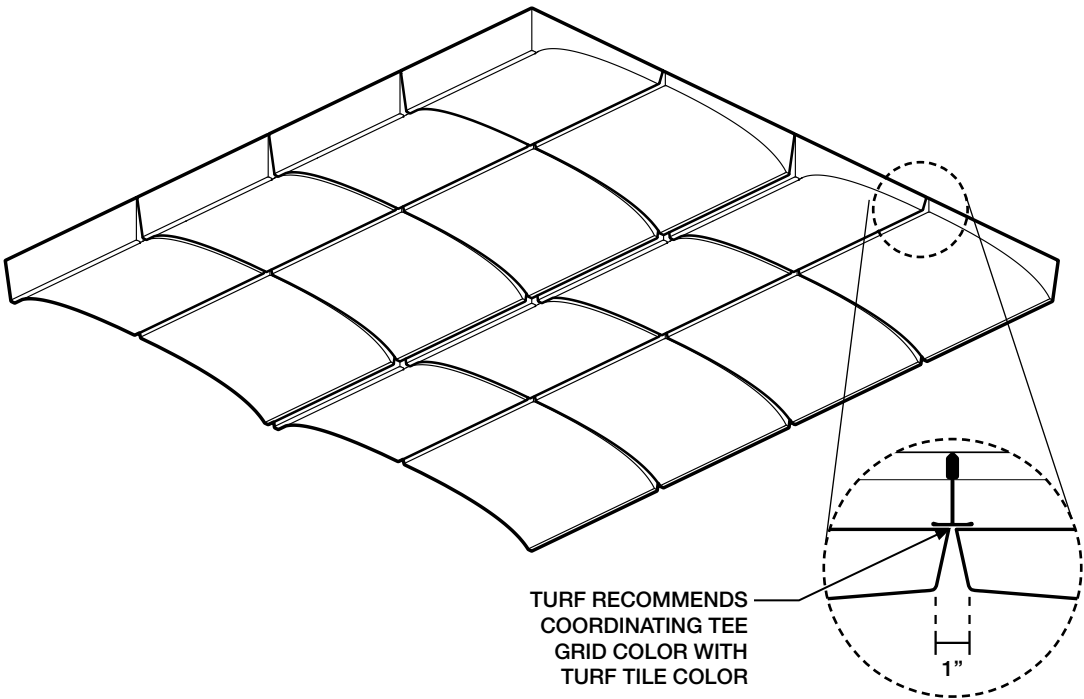
UNIFORM A PLAN VIEW

A	A	A	A
A	A	A	A
A	A	A	A
A	A	A	A

UNIFORM D PLAN VIEW

BLACK ARROWS AND LINES INDICATE DEEPEST PORTION OF TILES

D	D	D	D
D	D	D	D
D	D	D	D
D	D	D	D

ALL DIMENSIONS NOMINAL UNLESS NOTED OTHERWISE
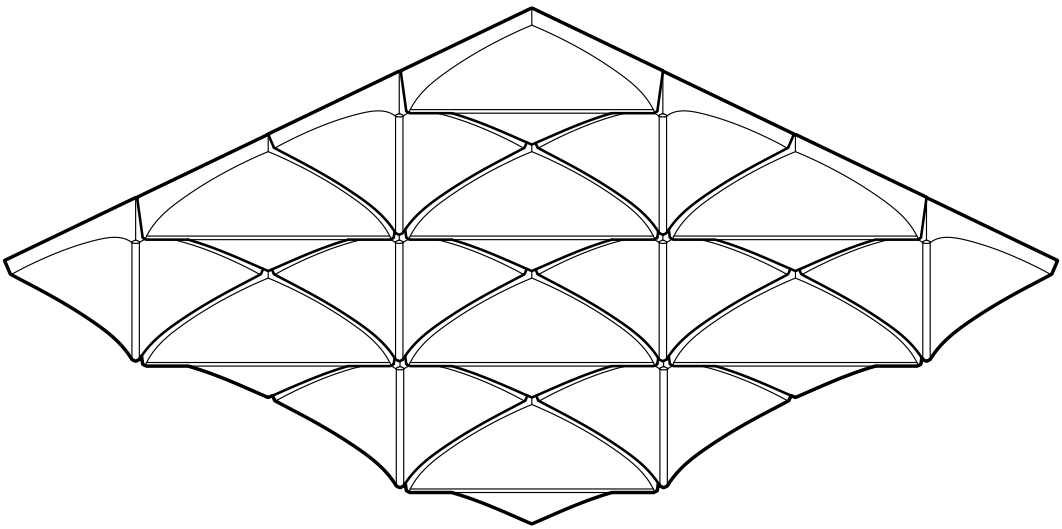
Typical Layouts

Uniform E

Using only E tiles, create a rhythmic series of diamonds.

Mix D & E

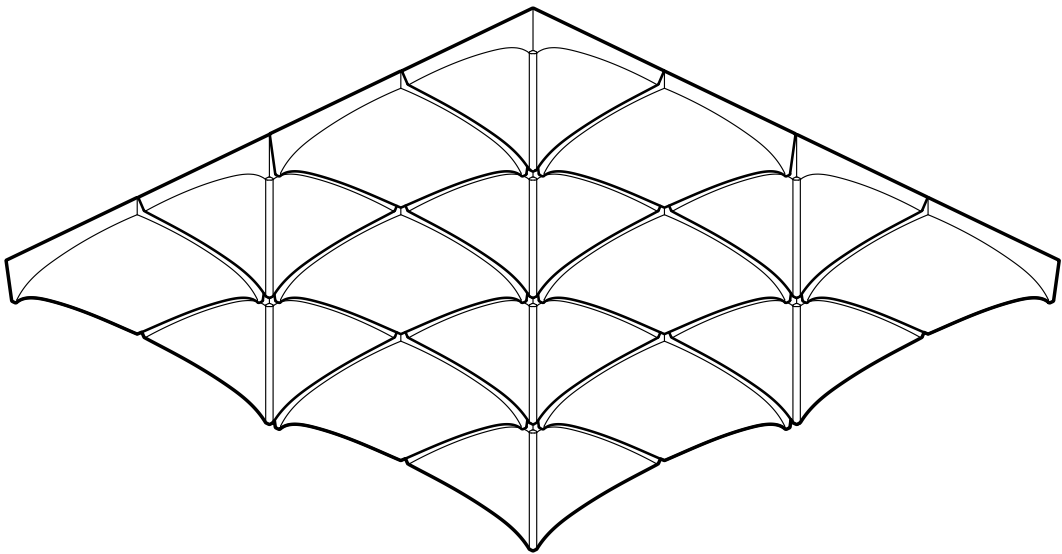Using a mix of D & E tiles, create a series of angled waves.

Unique Layout

All Arcade layouts can be configured in many ways, beyond these examples.

In plan view, if the black arrows and lines match at their meeting points, the layout is viable.
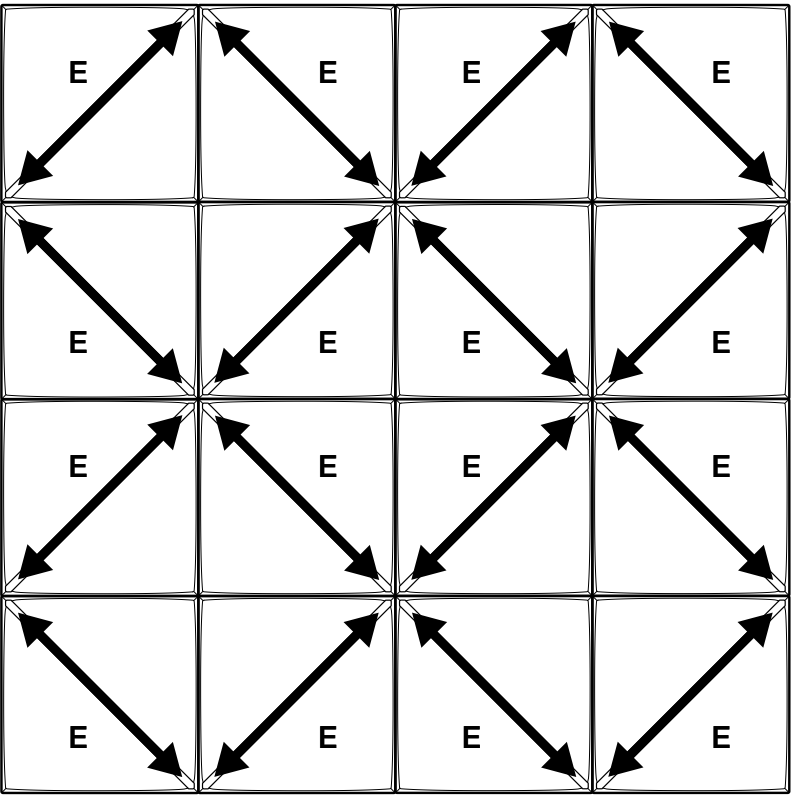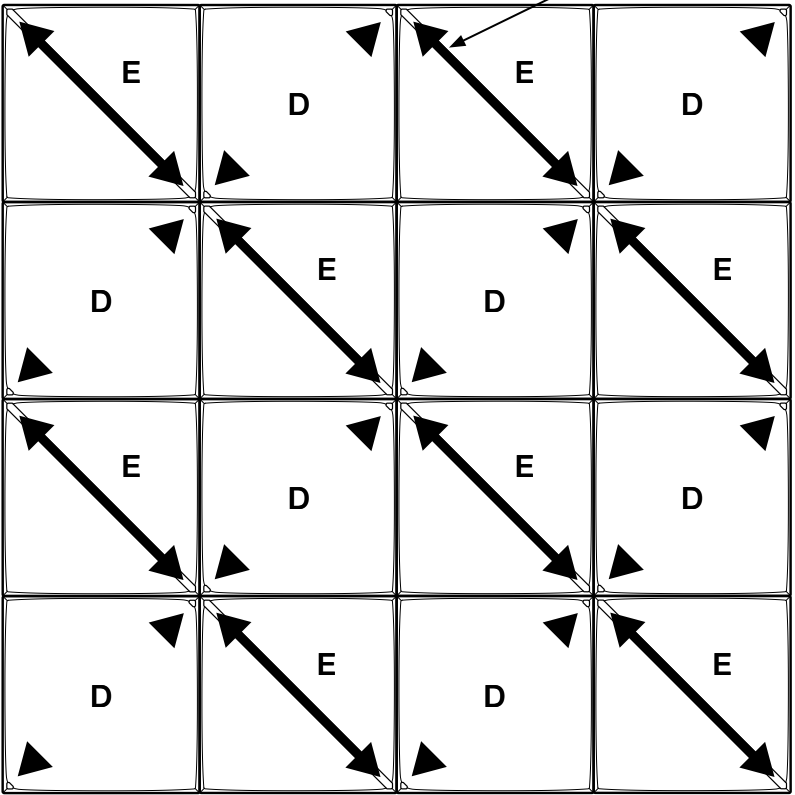
UNIFORM E

MIX D & E

UNIFORM E PLAN VIEW

MIX D & E PLAN VIEW

BLACK ARROWS AND LINES INDICATE DEEPEST PORTION OF TILES

Layout Considerations

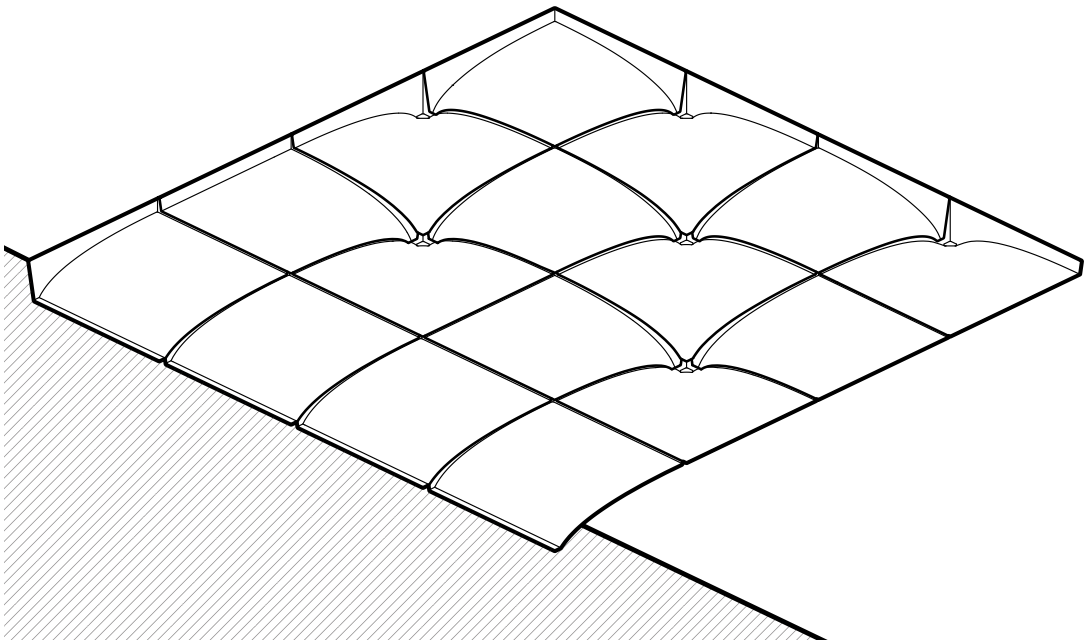**Wall to Ceiling Transition**

A tiles can be used to create a smooth transition from wall to ceiling. This example uses A tiles in combination with C & D tiles to make a ceiling's edge seamless with the wall.
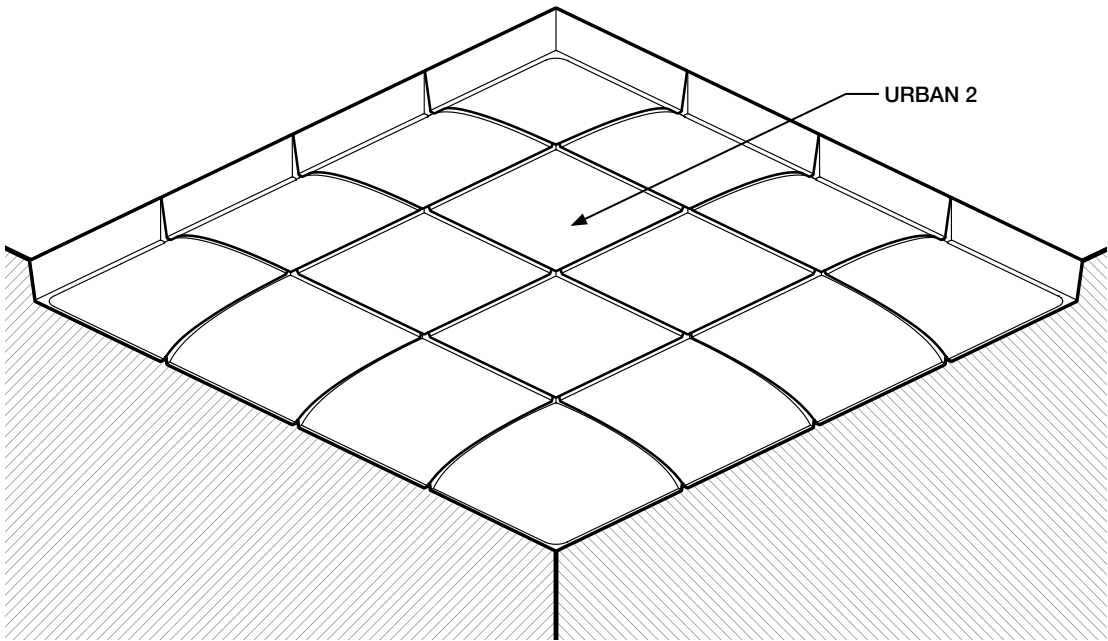
Corner Ceiling Transition

A combination of Arcade A & B tiles can be used to create a perfect corner condition.

Arcade's depth coordinates well with both Urban 2 & Urban 6 tiles, as well as many other options. See Tile Coordination page for more details.
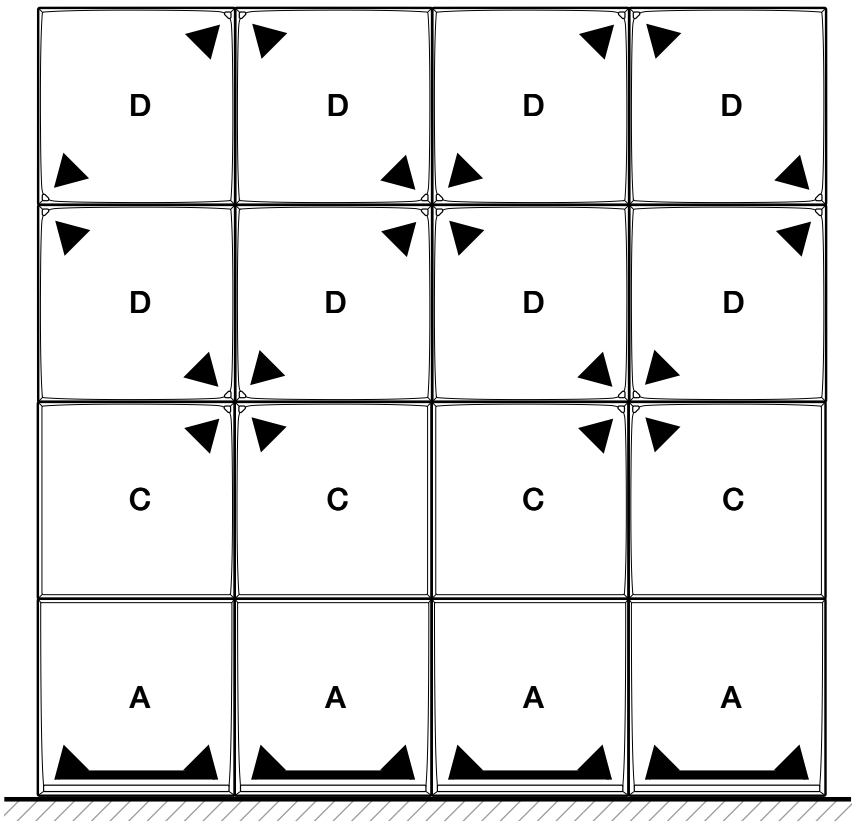
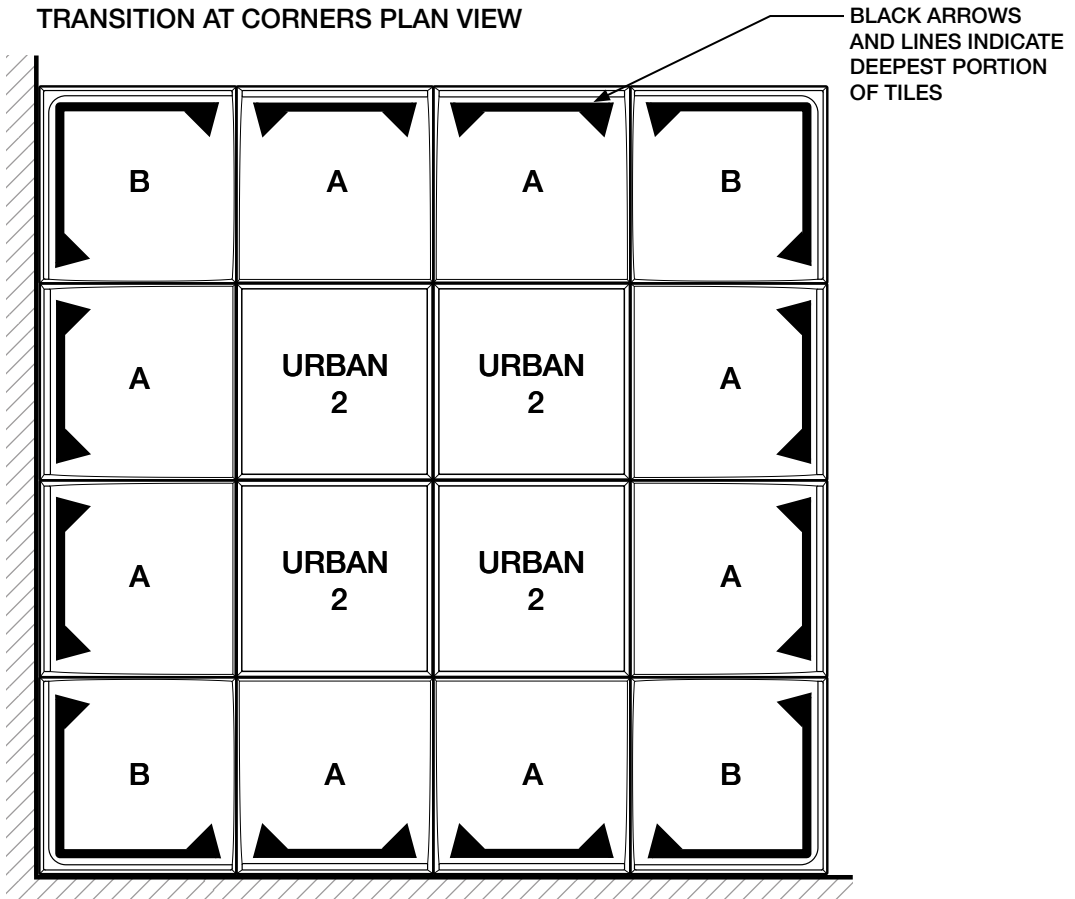**SMOOTH WALL TO CEILING TRANSITION**

CORNER CEILING TRANSITION

URBAN 2

TRANSITION TO WALL PLAN VIEW

D	D	D	D
D	D	D	D
C	C	C	C
A	A	A	A

TRANSITION AT CORNERS PLAN VIEW

BLACK ARROWS AND LINES INDICATE DEEPEST PORTION OF TILES

B	A	A	B
A	URBAN 2	URBAN 2	A
A	URBAN 2	URBAN 2	A
B	A	A	B

Connections

9/16" or 15/16" Tee Grid	Magnetic Clips Grid Clips Torsion Spring
Seismic Connection	If your project is located in a seismic zone, use our Torsion Spring connection.

MAGNETIC CLIP & GRID CLIP

9/16" OR 15/16"
FLAT TEE GRID

MAGNETS & GRID
CLIPS ARE LOCATED
OFF-CENTER ON TILE

TORSION SPRING

9/16" OR 15/16"
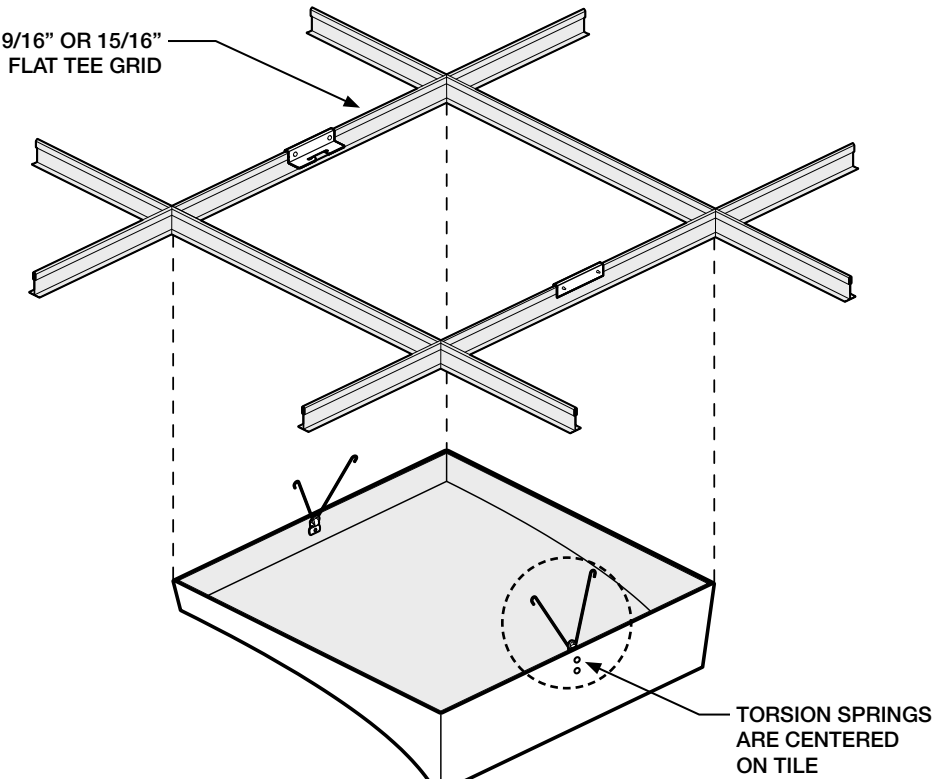FLAT TEE GRID
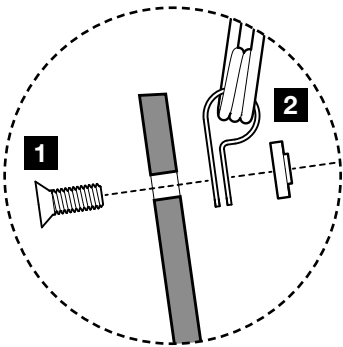
TORSION SPRINGS
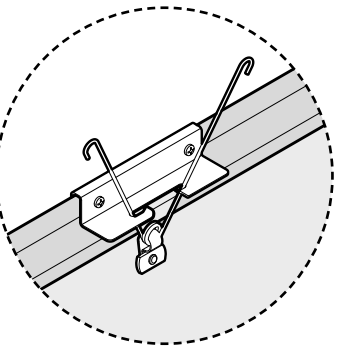ARE CENTERED
ON TILE
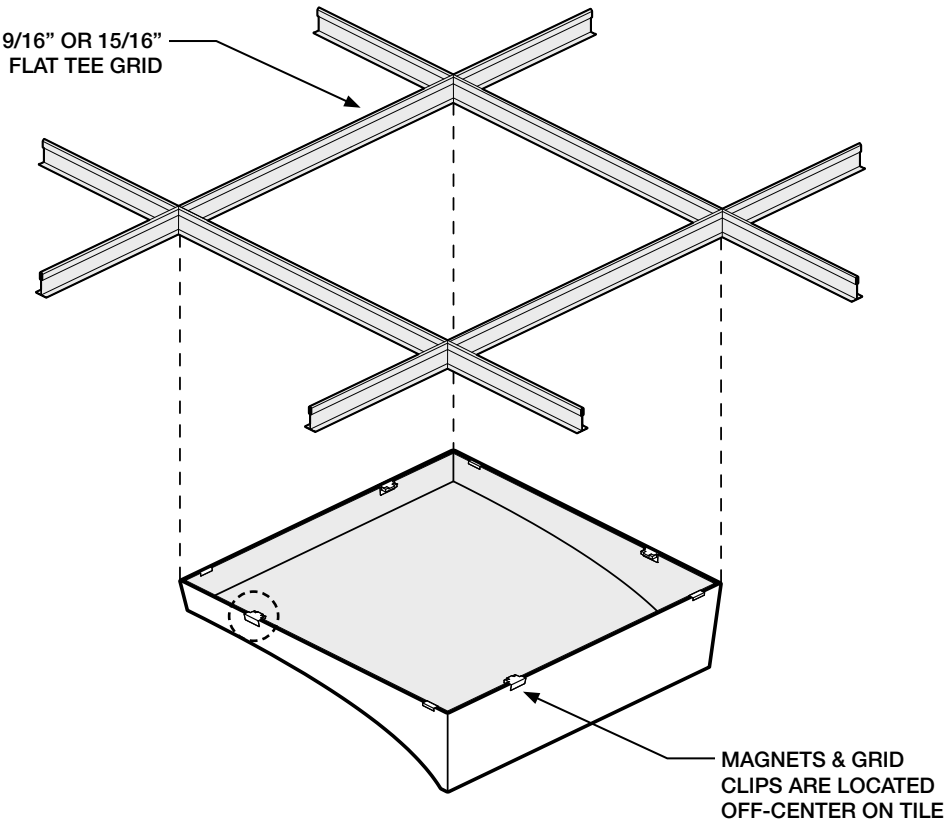
MAGNETIC CLIP
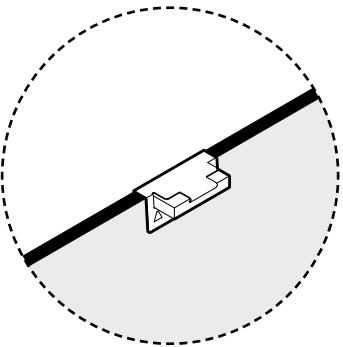
GRID CLIP
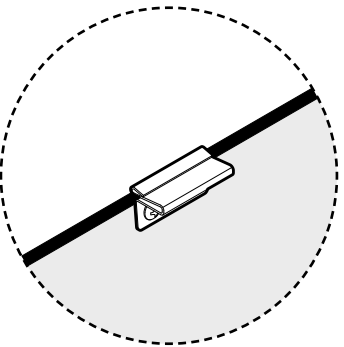
TORSION SPRING ASSEMBLY

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
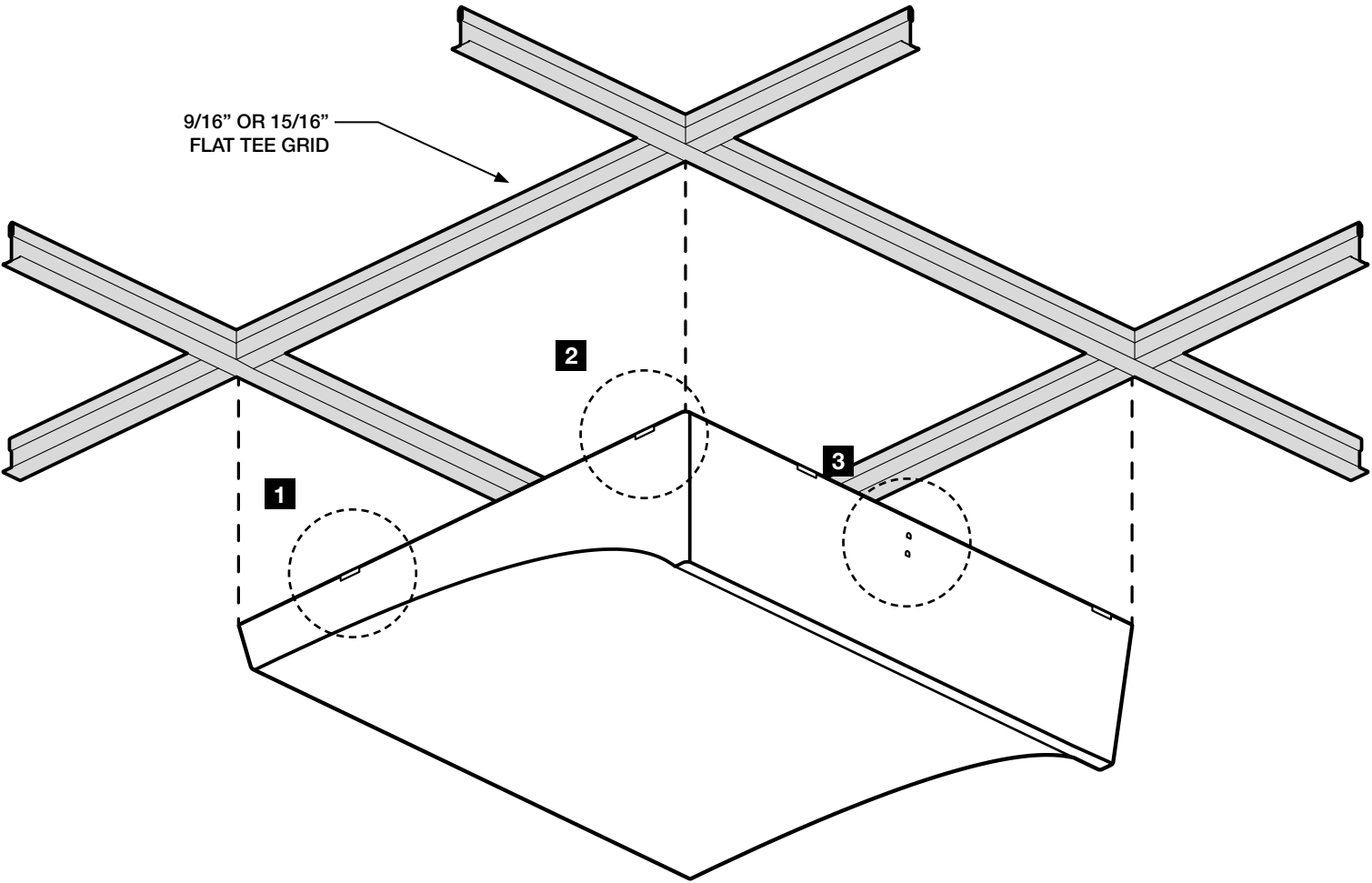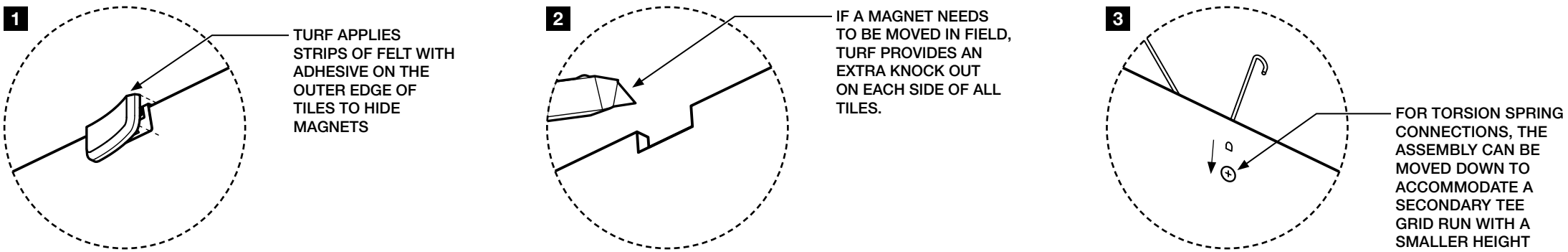
Mounting Considerations

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.

1 — TURF APPLIES STRIPS OF FELT WITH ADHESIVE ON THE OUTER EDGE OF TILES TO HIDE MAGNETS

2 — IF A MAGNET NEEDS TO BE MOVED IN FIELD, TURF PROVIDES AN EXTRA KNOCK OUT ON EACH SIDE OF ALL TILES.

3 — FOR TORSION SPRING CONNECTIONS, THE ASSEMBLY CAN BE MOVED DOWN TO ACCOMMODATE A SECONDARY TEE GRID RUN WITH A SMALLER HEIGHT

9/16" OR 15/16" FLAT TEE GRID

Tile Coordination

Tile Line

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

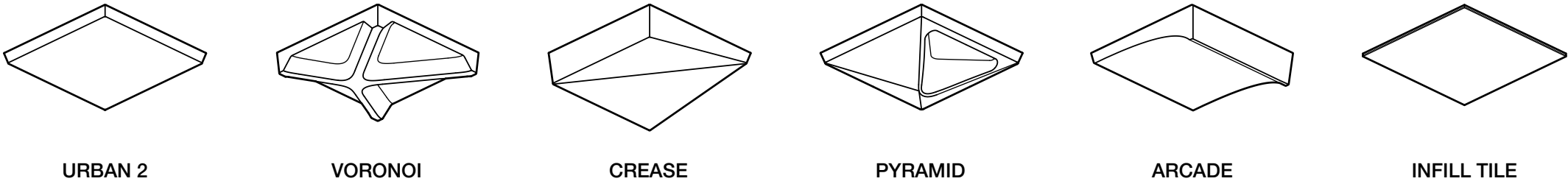See Typical Layouts & Layout Considerations page for examples.

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.
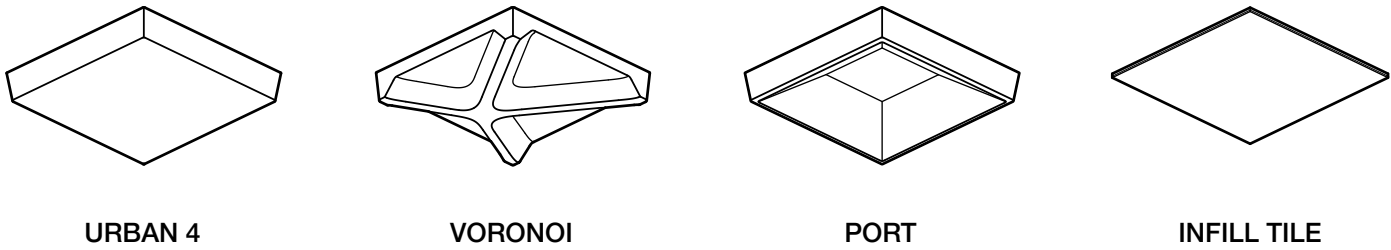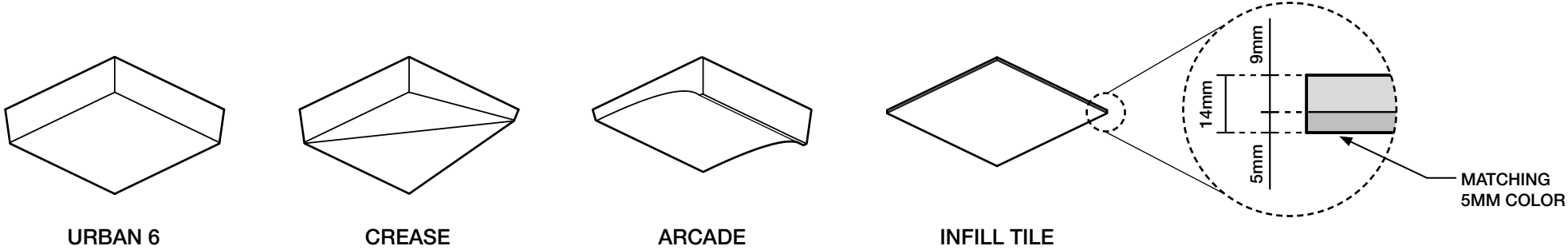
Infill Standard Size

24"L x 24"W x 14mm D

2" DEEP COORDINATION

| URBAN 2 | VORONOI | CREASE | PYRAMID | ARCADE | INFILL TILE |

4" DEEP COORDINATION

| URBAN 4 | VORONOI | PORT | INFILL TILE |

6" DEEP COORDINATION

| URBAN 6 | CREASE | ARCADE | INFILL TILE |

9mm
14mm
5mm

MATCHING 5MM COLOR
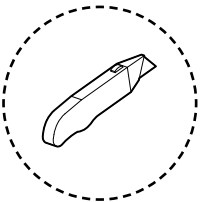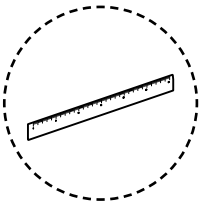
Trim Guide

Our tiles are designed to have a quick install, with modifications that are easily done in the field.
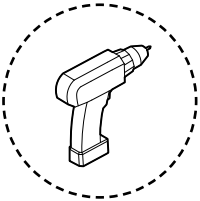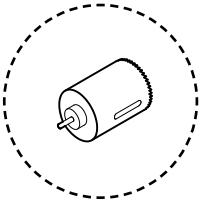
Tools Required

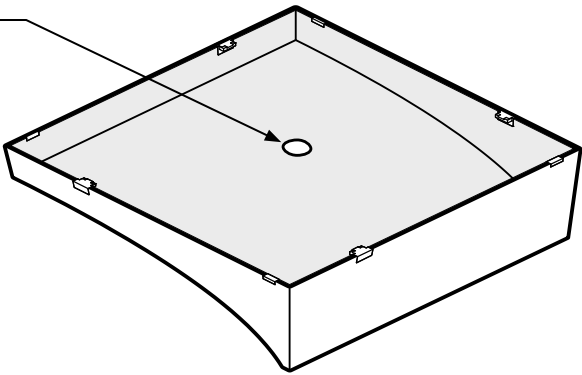SHARP BLADE

STRAIGHT EDGE

DRILL

HOLE SAW

1 - TRIM OR DRILL TILE FACE

TRIM OR DRILL TILE FACE TO ACCOMMODATE FIXTURES AND OBSTRUCTIONS

BECAUSE ARCADE TILES DO NOT HAVE A FLAT FACE, TURF RECOMMENDS USING URBAN TILES OR FLAT FILL WHEN CUTTING HOLES FOR FLUSH OR RECESS MOUNTED FIXTURES
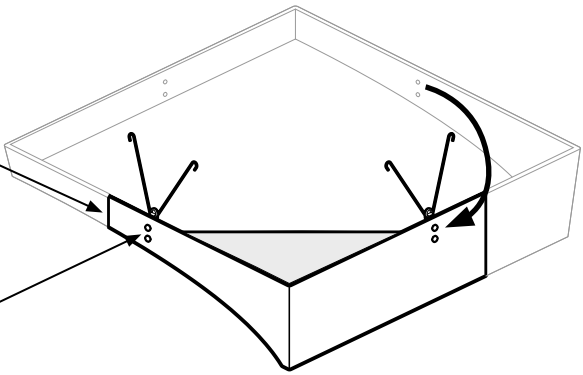
*PLEASE NOTE, TO CUT CIRCULAR HOLES TURF RECOMMENDS USING A HOLE SAW IN REVERSE FOR A CLEANER EDGE

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 TILE MAINTAIN MINIMUM OF THREE CONNECTIONS POINTS FOR MAGNETIC CLIPS OR GRID CLIPS

3 - TRIM TILE TO FIT - TORSION SPRING

TRIM TILE AS REQUIRED TO FIT SPACE

TURF RECOMMENDS TILE MAINTAIN MINIMUM OF TWO CONNECTIONS POINTS FOR TORSION SPRING, MOVE SPRINGS AS REQUIRED
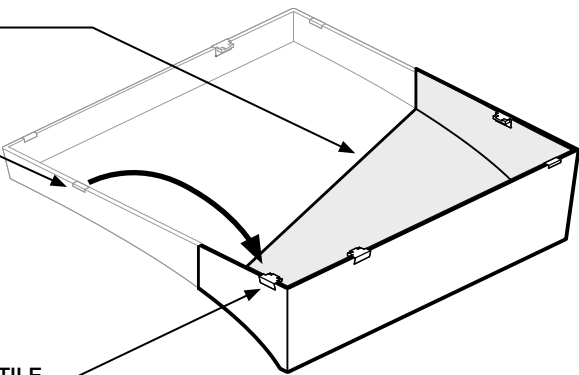
4 - TRIM OR DRILL INFILL TILE

TRIM OR DRILL TILE TO ACCOMDATE FIXTURES AND OBSTRUCTIONS
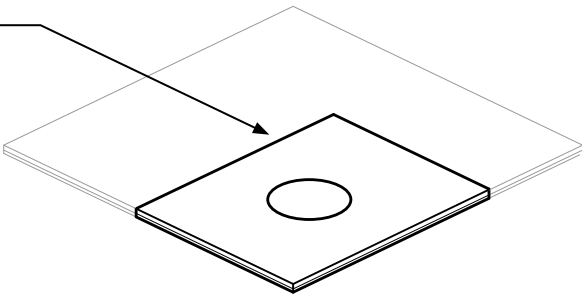
*PLEASE NOTE, TO CUT CIRCULAR HOLES TURF RECOMMENDS USING A HOLE SAW IN REVERSE FOR A CLEANER EDGE

Tech

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

Acoustic Rating

NRC = 0.90

The rating above describes an array of mixed ceiling tiles arranged in four rows of four units.

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.

Certifications

Declare.

Image by Blaque

Image by Blaque

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
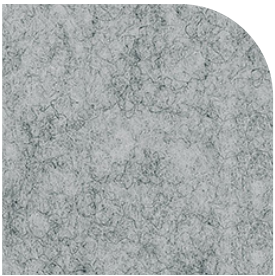
Felt Thickness
5mm +/-0.5 mm

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

M07 ONYX

M06 CARBON

M04 PUMICE

M05 TALC

M01 SANDSTONE

M48 TAVERTINE