Ceiling Connection

FeltLock Guide

This is a step-by-step guide to help our partners understand how to install FeltLock baffles in the ceiling. Check individual product cut sheets for specific information and requirements.

For a detailed video explanation of FeltLock click below.

FeltLock Guide Animation

TURF

Installation Components

FeltLock

Products with Turf's patented FeltLock flex and compress to insert into P1000T Unistrut.

FeltLock is integrated into the profile of each baffle, which means that no additional hardware is required to install on-site.

P1000T Unistrut

All Turf products that connect to Unistrut are only compatible with P1000T Series Unistrut.

Customers may purchase P1000T Unistrut through Turf or supply their own.

Spacer

Felt spacers are labeled with your specified on-center spacing, making it easy for anyone to install and maintain a consistent product spacing without measuring on-site.
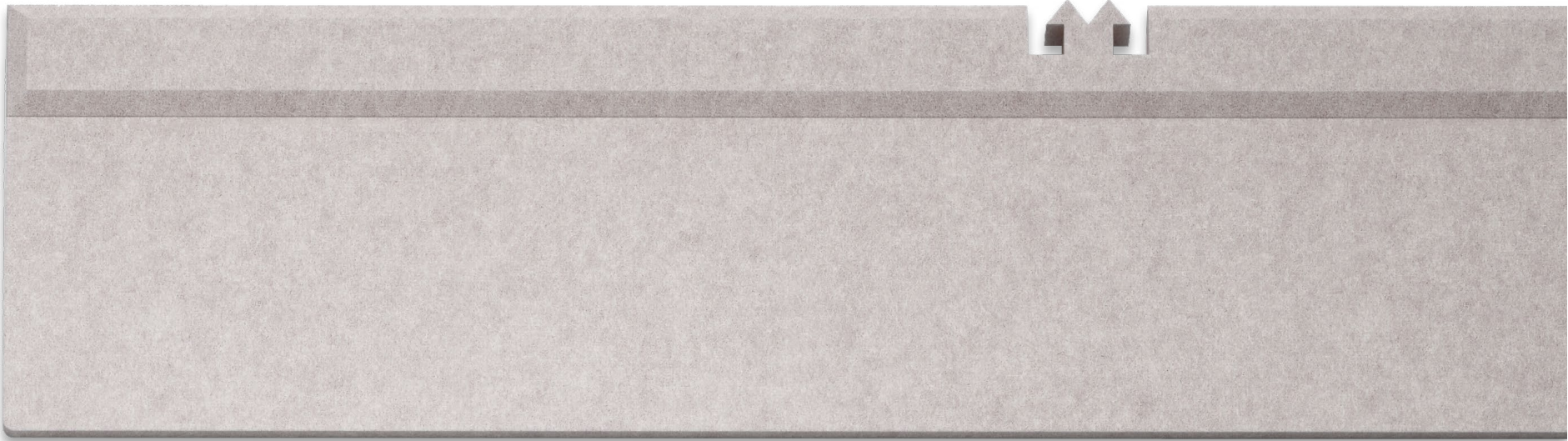
End Cap

Felt end caps "snap" onto the end of the unistrut creating a complete, finished look for your array.

BAFFLE WITH FELTLOCK CONNECTION

P1000T UNISTRUT

SPACER

END CAP

Compatible Products

FeltLock Index

Straight baffle is shown here as an example, please see the "FeltLock Index" at the back of the document for details on all Turf products where FeltLock in available.

FeltLock Installation Guide

Unistrut Requirements

In order to use FeltLock, P1000T Unistrut must be used. Raw galvanized or powder-coated finishes are acceptable. Painted Unistrut may damage the FeltLock installation and will void the product warranty.

Access Panels & Mechanical

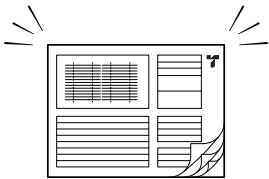Repeated installation or deinstallation of FeltLock baffles can damage or degrade the connection overtime.

Areas that require access panels or require frequent deinstallation should use baffles with our Threaded Rod to Unistrut connection.

Alternatively to avoid damaging the FeltLock, see step #6. Depending on the location within the array, baffles may be able to slide on and off the unistrut at the ends.

Have questions about a unique situation? Reach out to our Turf team and we'd be glad to help!

1 - INSTALL P1000T UNISTRUT AS REQUIRED

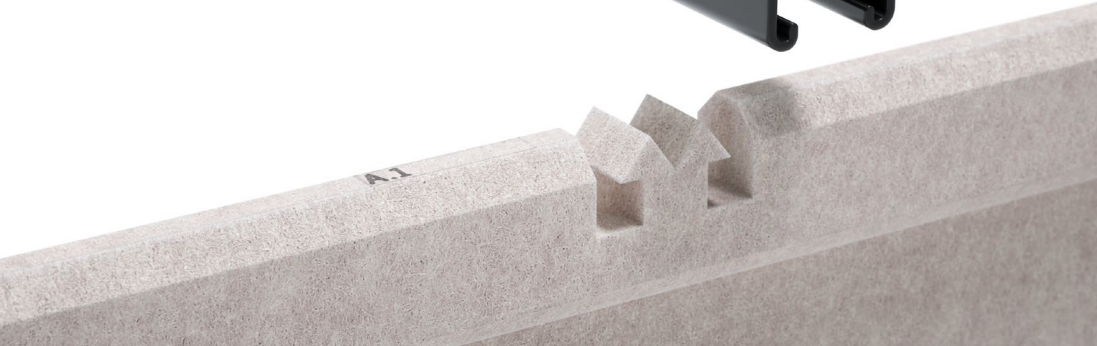INSTALL UNISTRUT AS REQUIRED, REFERENCE TURF DRAWINGS FOR UNISTRUT POSITION & BAFFLE LAYOUT

2 - LOCATE BAFFLE TAGS

LOCATE TAGS ON TOP OF BAFFLES, TAGS WILL INDICATE WHICH ORDER THE BAFFLES SHOULD BE INSTALLED

3 - POSITION BAFFLE UNDER P1000T UNISTRUT
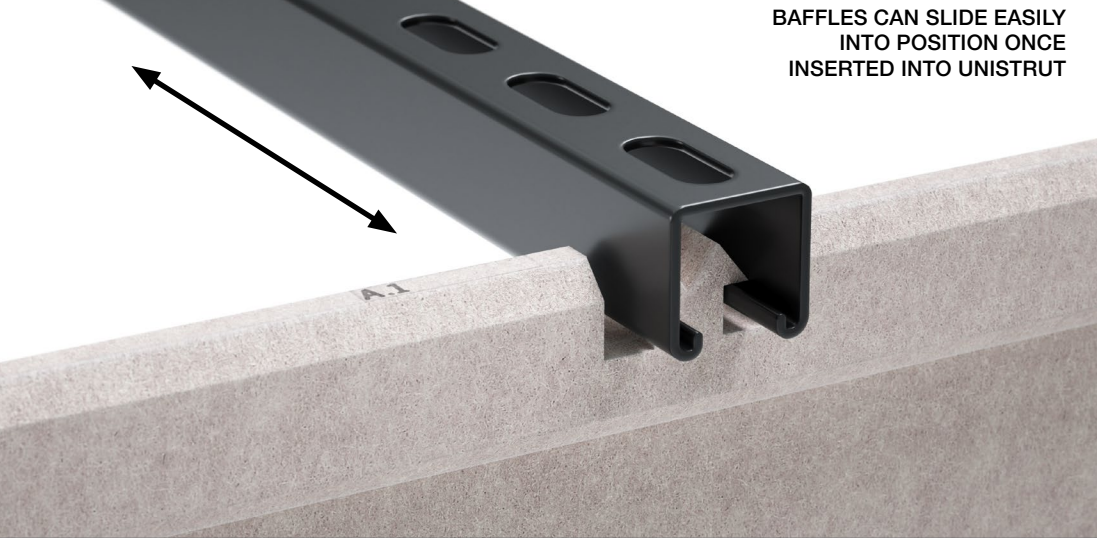
ALIGN FELTLOCK WITH OPEN PORTION OF THE UNISTRUT ABOVE

4 - PUSH BAFFLE INTO P1000T UNISTRUT

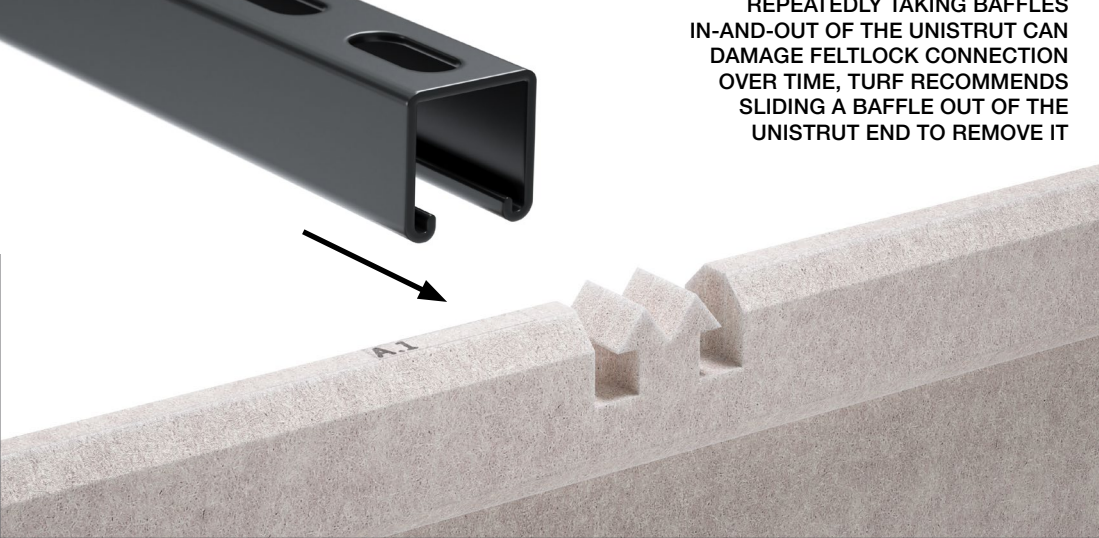PUSH BAFFLE FROM UNDERNEATH, FELTLOCK WILL FLEX AND "POP" INTO THE UNISTRUT

5 - SLIDE BAFFLE INTO PLACE AS REQUIRED

BAFFLES CAN SLIDE EASILY INTO POSITION ONCE INSERTED INTO UNISTRUT

6 - REMOVING BAFFLES

REPEATEDLY TAKING BAFFLES IN-AND-OUT OF THE UNISTRUT CAN DAMAGE FELTLOCK CONNECTION OVER TIME, TURF RECOMMENDS SLIDING A BAFFLE OUT OF THE UNISTRUT END TO REMOVE IT

Spacer Installation Guide

Spacer Color

Spacers come in 07 Black unless specified otherwise by the client.

Spacers + End Caps Guide

For more information understanding the role of Spacers + End Caps, click on the link to see our detailed guide.

1 - INSERT SPACERS AT AN ANGLE

INSERT SPACERS AT AN ANGLE UNTIL IT SITS COMFORTABLY IN THE UNISTRUT, MAKE SURE THE TAG SIDE IS HIDDEN FROM BELOW
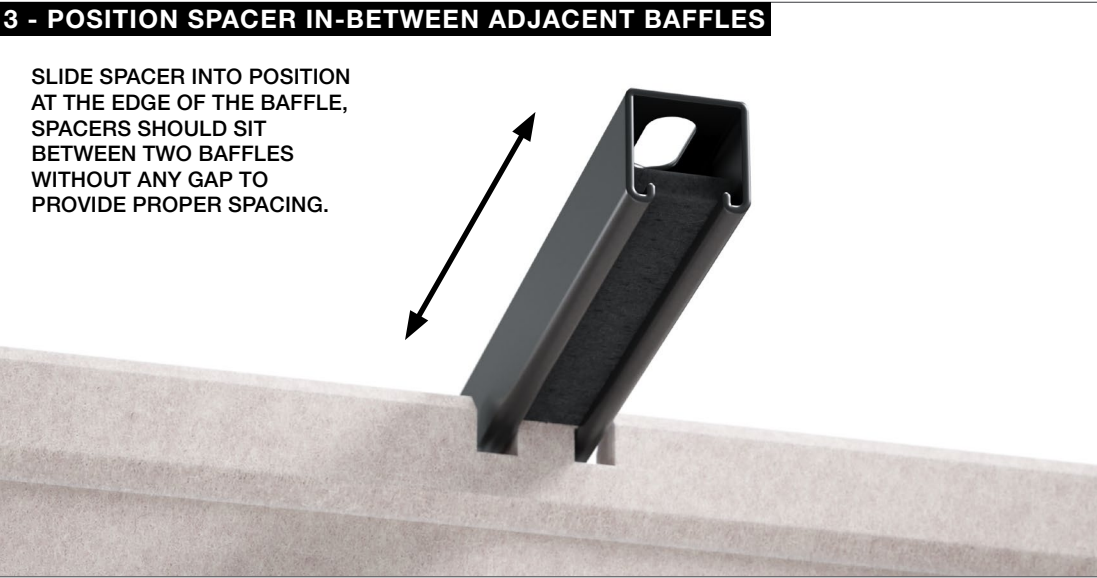

2 - SLIDE SPACERS THROUGH UNISTRUT END

ALTERNATIVELY, SLIDE SPACERS THROUGH THE OPEN END OF THE UNISTRUT

3 - POSITION SPACER IN-BETWEEN ADJACENT BAFFLES

SLIDE SPACER INTO POSITION AT THE EDGE OF THE BAFFLE, SPACERS SHOULD SIT BETWEEN TWO BAFFLES WITHOUT ANY GAP TO PROVIDE PROPER SPACING.

End Cap Installation Guide

End Cap Color

End Caps come in 07 Black unless specified otherwise by the client.

Spacers + End Caps Guide

For more information understanding the role of Spacers + End Caps, click on the link to see our detailed guide.
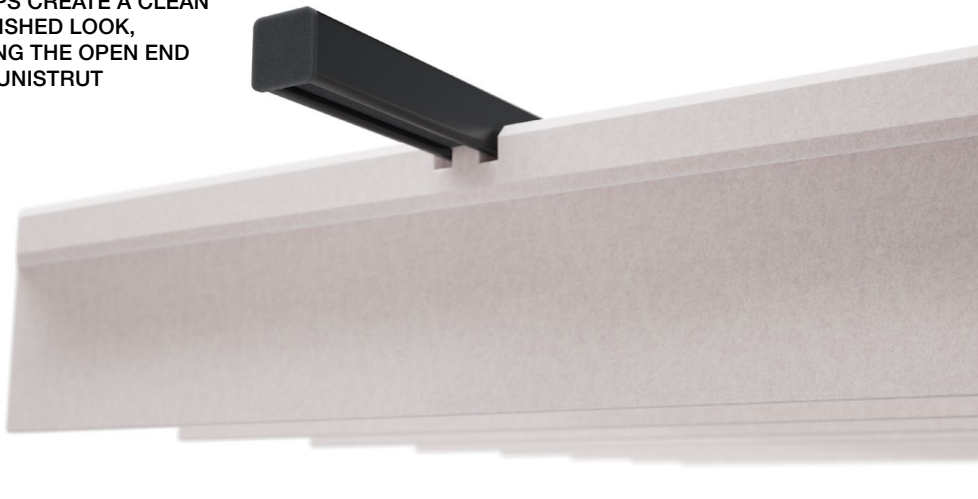
1 - PUSH END CAP ONTO UNISTRUT

PUSH END CAPS ONTO THE OPEN END OF UNISTRUT

2 - END CAP ATTACHED

END CAPS CREATE A CLEAN AND FINISHED LOOK, COVERING THE OPEN END OF THE UNISTRUT

3 - COMPLETED BAFFLE ARRAY

ONCE ALL OF THE BAFFLES, SPACERS & END CAPS ARE INSTALLED, THE BAFFLE ARRAY IS COMPLETE!

FeltLock Index

Available Products

All of the products listed are compatible with the FeltLock connection.

Click the name of any product to pull up more information.

Lighting Baffles

Although these baffles are not able to have FeltLock connections themselves, Turf offers other connection options that can coordinate seamlessly with a FeltLock array.

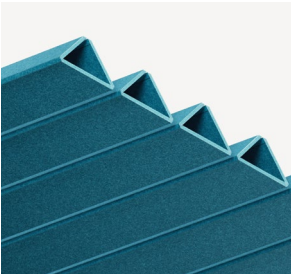See individual product cut sheets for additional information.
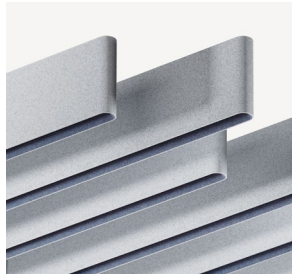
DIMENSIONAL BAFFLES

BEAM

BLOCK

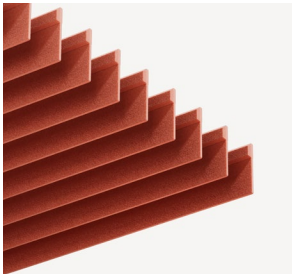BOOM STICK

DROP

SLAB

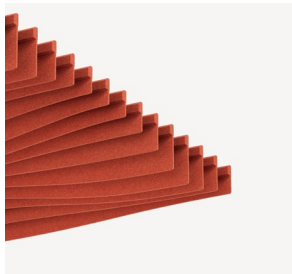WARP

WEDGE

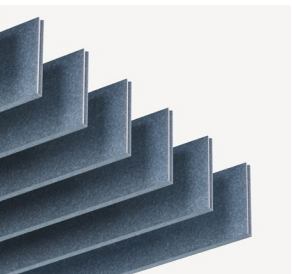### BLADE BAFFLES

CARVED

CONTOUR

RIDGE

STRAIGHT

TORRENT

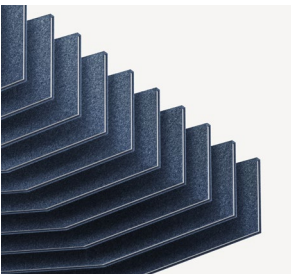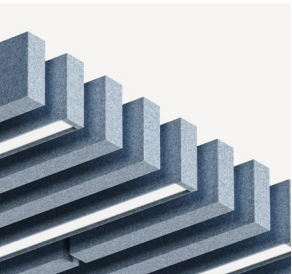### LAYERED BAFFLES

DATUM

DOPPELGANGER

REVEAL

TIMBER

LIGHTING

BEAM LED

SLAB LED