

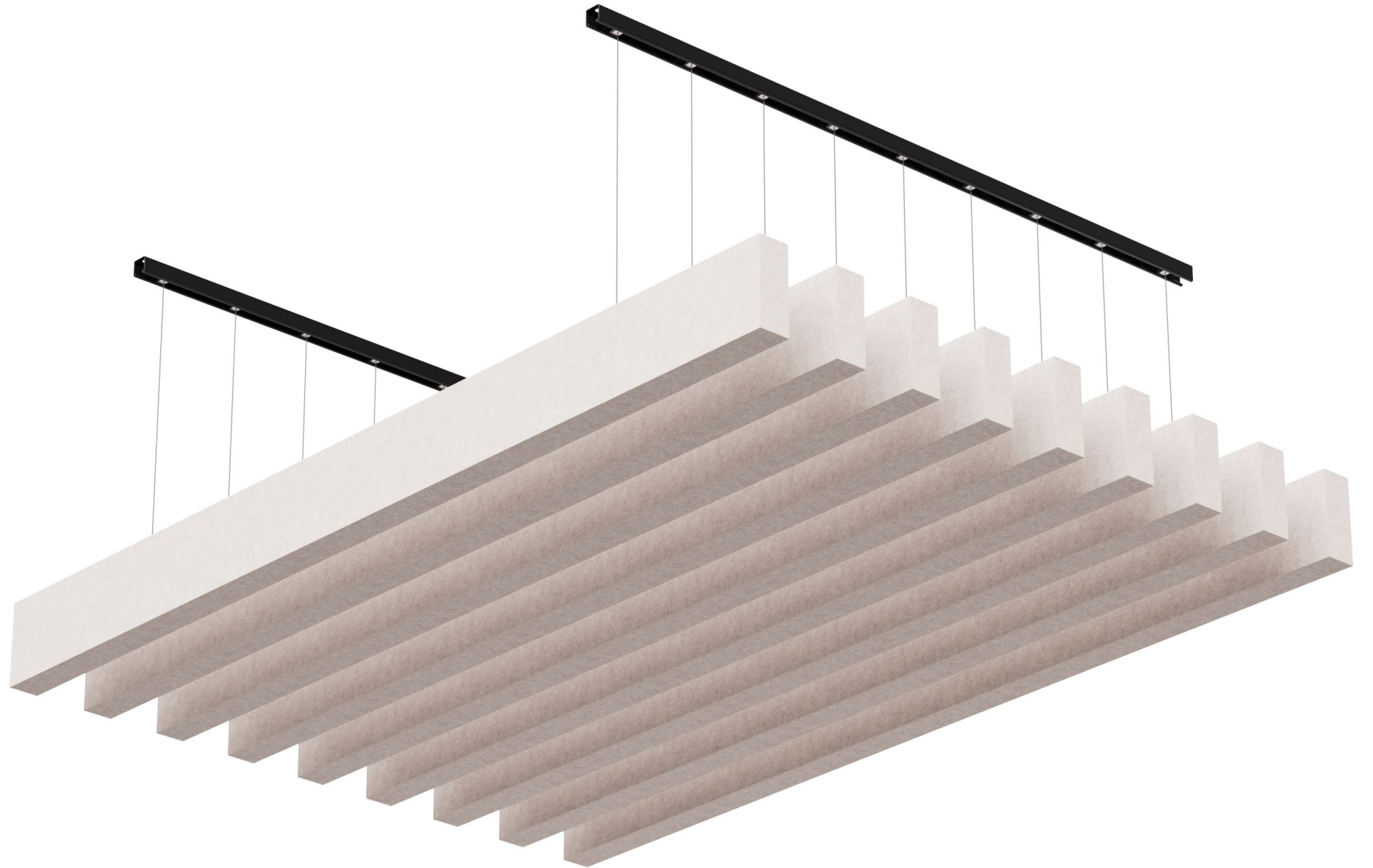
Ceiling Connection

Cable to Unistrut

This step-by-step guide walks you through installing Turf products with our Cable to Unistrut connection. For specifics on your product, check the individual cut sheet.

If you'd rather watch it in action, the video below covers the same process start to finish.

[Cable to Unistrut Animation](#)



Installation Components

Cable Gripper

Aircraft cable feeds into the top of the cable gripper, which is attached to your Turf product.

Feed in more cable to raise the baffle; press the plunger on top to release cable and lower it.

In the example shown, the gripper ships preassembled and embedded in the baffle. Depending on your product, it may ship loose and need to be attached on site.

P1000T Unistrut

Every Turf product that connects to Unistrut is built for P1000T Series specifically.

You can purchase P1000T through Turf, or supply your own.

Aircraft Cable

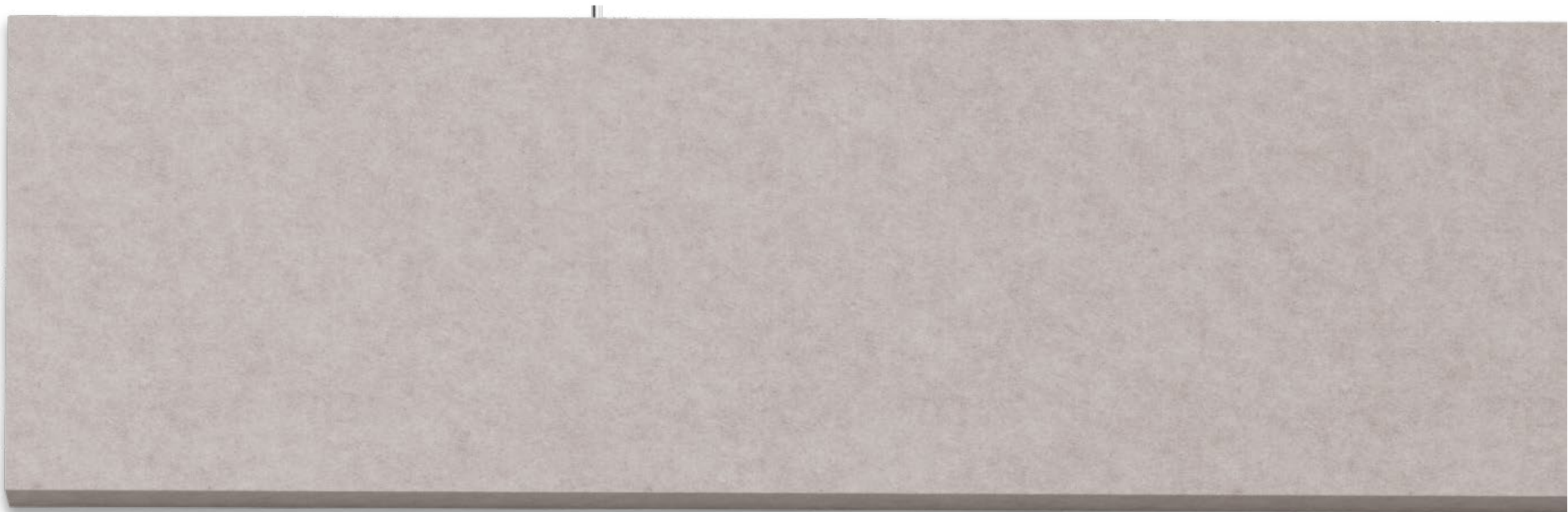
Turf supplies 10’ of aircraft cable per connection. Trim to length in the field as needed.

Spring Channel Nut

This is what holds your cable in place inside the unistrut. It moves freely, so you can reposition it anywhere along the rail as your layout calls for.

Washer

Paired with the spring channel nut, the washer secures your aircraft cable in place.



BAFFLE WITH EMBEDDED CABLE GRIPPER



P1000T UNISTRUT



AIRCRAFT CABLE



SPRING CHANNEL NUT



WASHER

Installation Guide - Part 1

Ease of Use

Cable to Unistrut is built for a fast, straightforward install - just follow the steps below and you'll be set.

Pick Points

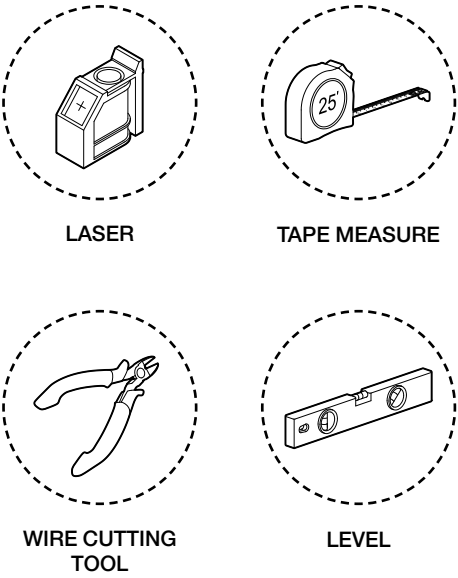
Start with your Turf drawings for product layout and cable locations.

A laser or tape measure will help keep even spacing between baffles.

Adjusting Spring Channel Nut Location

Need to shift a connection point? The spring channel nut slides freely inside the unistrut, so adjusting its position in the field is quick and easy.

Tools Required

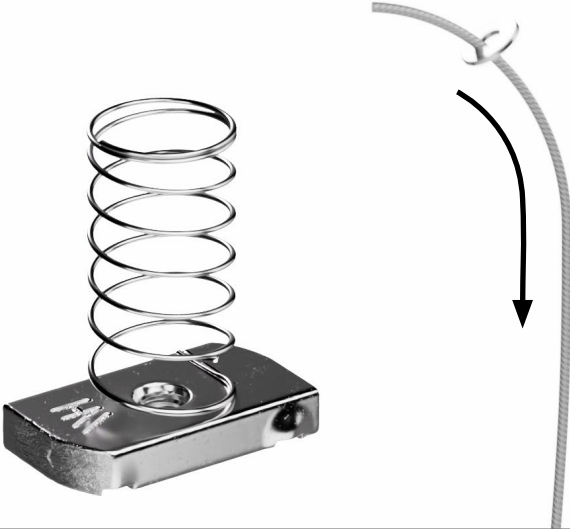


1 - GATHER SPRING CHANNEL NUT AND WASHER



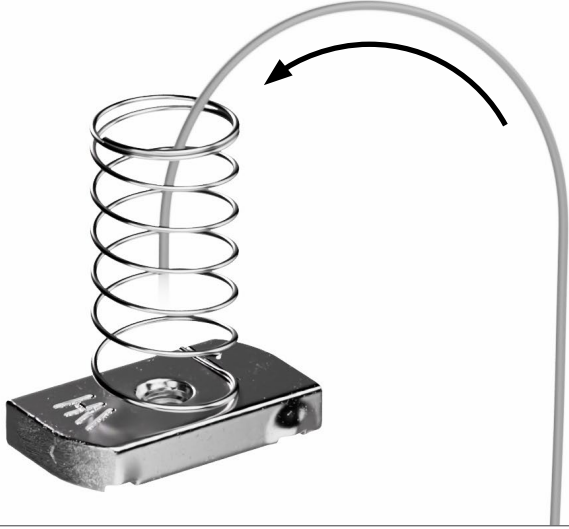
TAKE THE SPRING CHANNEL NUT AND MAKE SURE IT IS FLIPPED SO THE SPRING SIDE IS FACING UP

2 - THREAD WASHER ONTO CABLE



THREAD WASHER ONTO THE OPEN END OF YOUR CABLE

3 - FEED CABLE THROUGH



START FEEDING THE FREE END OF THE AIRCRAFT CABLE THROUGH THE WASHER AND SPRING CHANNEL NUT

4 - HALF-BALL WILL SECURE CABLE



THE WASHER WILL CATCH THE HALF-BALL END OF THE AIRCRAFT CABLE AND HOLD IT IN PLACE

THE CABLE SHOULD HANG FREELY BELOW THE SPRING CHANNEL NUT

5 - PUSH CHANNEL NUT INSIDE UNISTRUT



PUSH THE SPRING CHANNEL NUT THROUGH THE OPEN END OF THE UNISTRUT

THE SPRING WILL BEGIN TO COMPRESS AS IT RAISES PAST THE BOTTOM OF THE UNISTRUT

6 - TWIST CHANNEL NUT AND SET ON UNISTRUT RAILS



ONCE FULLY INSIDE THE UNISTRUT, TWIST THE SPRING CHANNEL NUT AND LOWER IT ON TO THE BOTTOM RAILS

THE SPRING WILL STAY COMPRESSED AND LOCK THE CONNECTION IN PLACE

TO MOVE THE CABLE LOCATION, SIMPLY PUSH THE SPRING CHANNEL NUT UP AND SLIDE IT ALONG THE UNISTRUT TO ITS NEW LOCATION

Installation Guide - Part 2

Cable Gripper

In the example given, the gripper is embedded in the baffle and will ship preassembled. Depending on the product, the cable grippers may ship loose and will need to be attached in field.

Setting Baffle Height

To raise the baffle, feed more cable into the gripper. To lower the baffle, press the plunger on top of the cable gripper which will release more cable.

Use a level or a laser line to ensure all baffles are straight and set at the specified height.

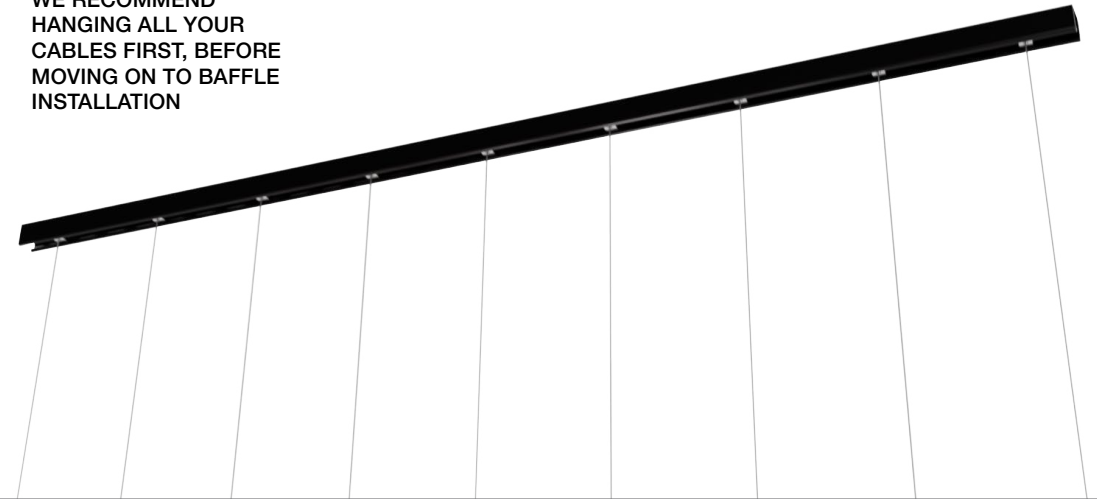
Excess Cable

Dimensional baffles, like in the example shown, often allow excess cable to sit inside the baffle hidden from view.

Other Turf products may require the use of a wire cutting tool to trim off excess cable once the baffles are set in place.

7 - HANG ALL CABLES

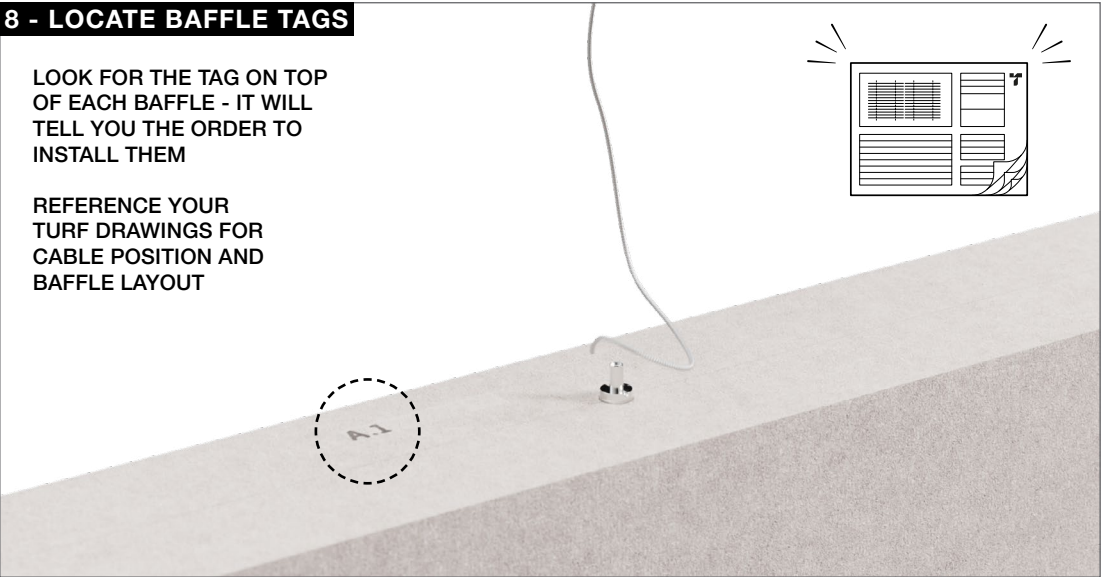
WE RECOMMEND HANGING ALL YOUR CABLES FIRST, BEFORE MOVING ON TO BAFFLE INSTALLATION



8 - LOCATE BAFFLE TAGS

LOOK FOR THE TAG ON TOP OF EACH BAFFLE - IT WILL TELL YOU THE ORDER TO INSTALL THEM

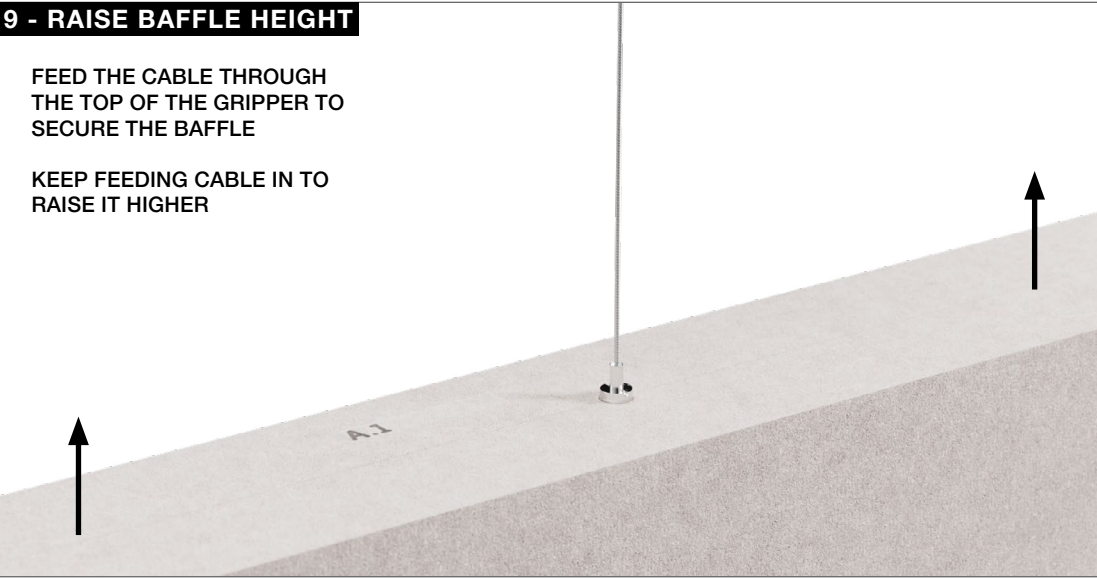
REFERENCE YOUR TURF DRAWINGS FOR CABLE POSITION AND BAFFLE LAYOUT



9 - RAISE BAFFLE HEIGHT

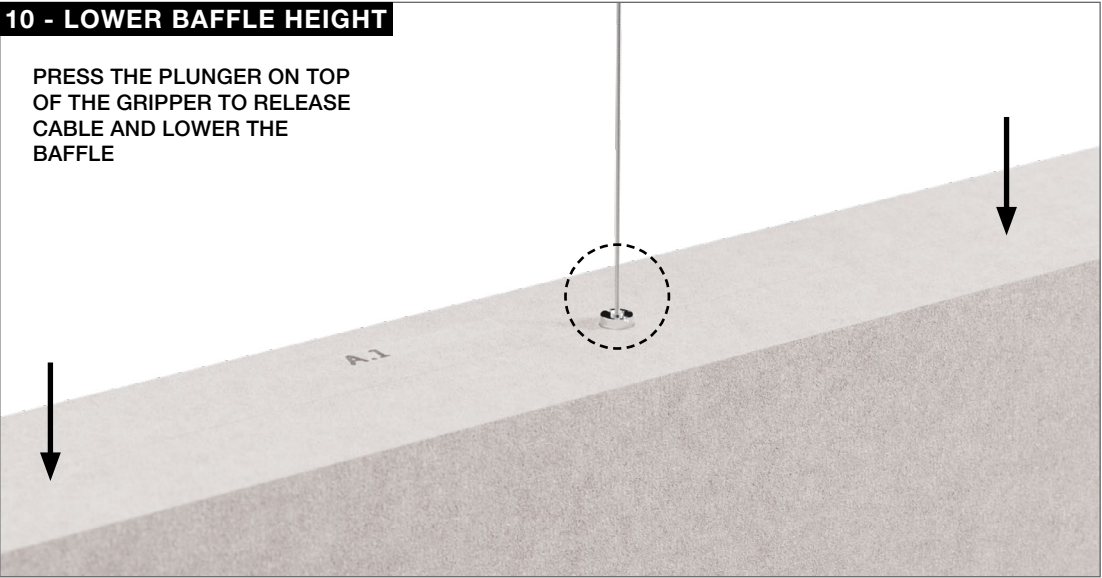
FEED THE CABLE THROUGH THE TOP OF THE GRIPPER TO SECURE THE BAFFLE

KEEP FEEDING CABLE IN TO RAISE IT HIGHER



10 - LOWER BAFFLE HEIGHT

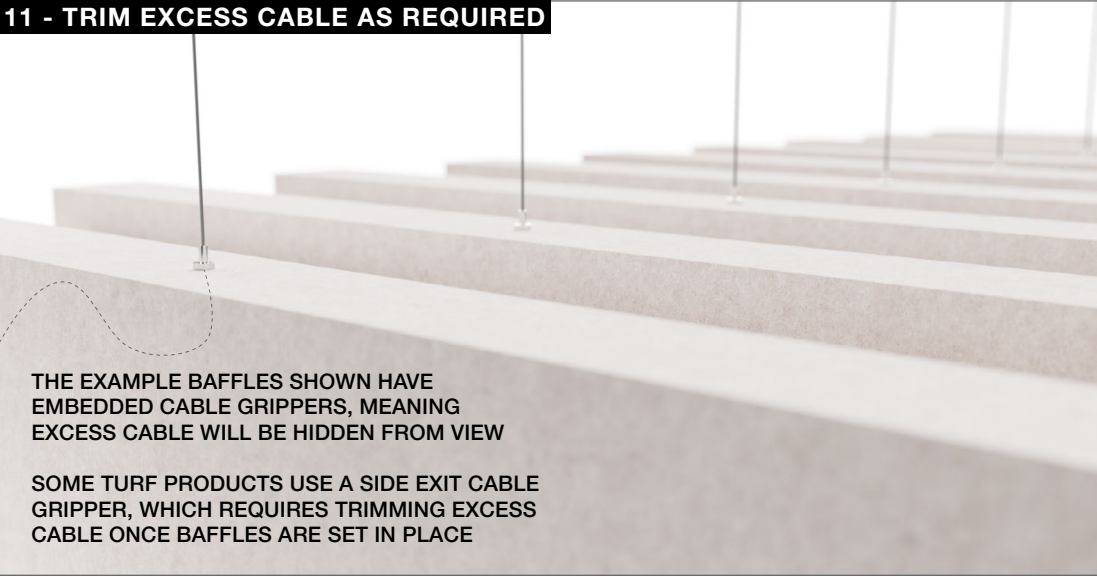
PRESS THE PLUNGER ON TOP OF THE GRIPPER TO RELEASE CABLE AND LOWER THE BAFFLE



11 - TRIM EXCESS CABLE AS REQUIRED

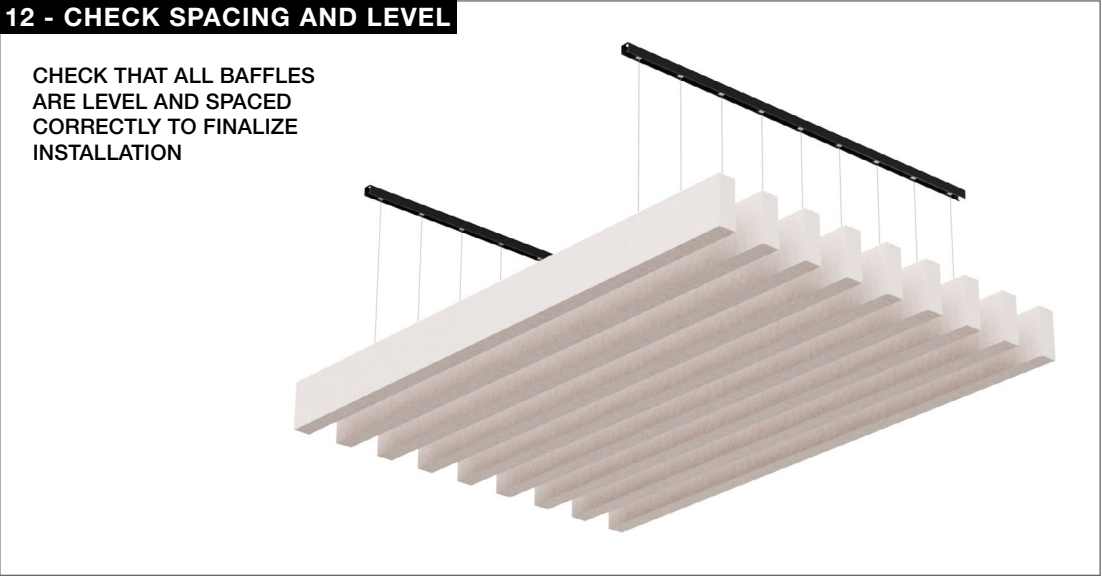
THE EXAMPLE BAFFLES SHOWN HAVE EMBEDDED CABLE GRIPPERS, MEANING EXCESS CABLE WILL BE HIDDEN FROM VIEW

SOME TURF PRODUCTS USE A SIDE EXIT CABLE GRIPPER, WHICH REQUIRES TRIMMING EXCESS CABLE ONCE BAFFLES ARE SET IN PLACE



12 - CHECK SPACING AND LEVEL

CHECK THAT ALL BAFFLES ARE LEVEL AND SPACED CORRECTLY TO FINALIZE INSTALLATION



Cable to Tee Grid Index

Available Products

Every product listed works with the Cable to Unistrut connection.

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

Cable to Unistrut Differences

The guide above uses a baffle as an example, but the instructions will generally apply for all types of Turf products.

Some Turf products may require additional hardware, see individual product cut sheets for additional information.

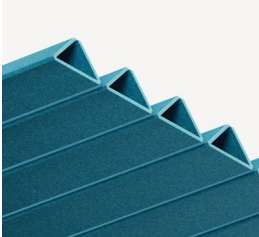
DIMENSIONAL BAFFLES



BEAM



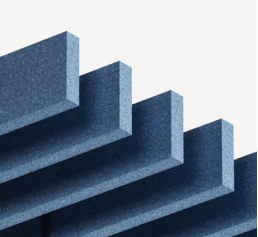
BLOCK



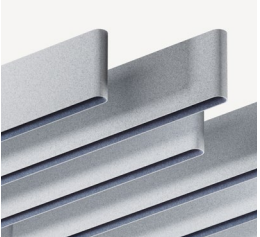
BOOM STICK



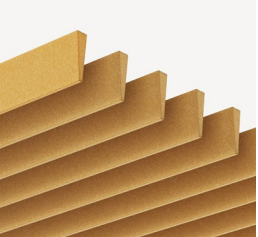
DROP



SLAB

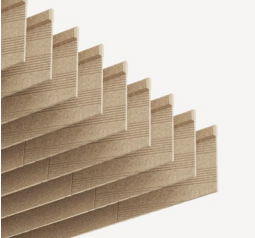


WARP



WEDGE

BLADE BAFFLES



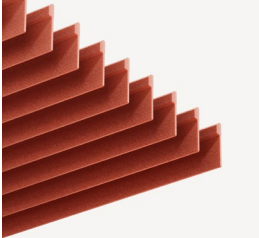
CARVED



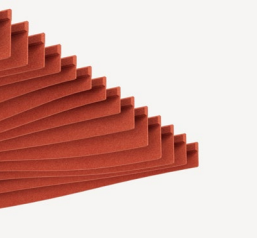
CONTOUR



RIDGE

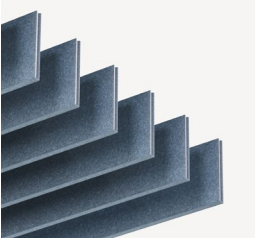


STRAIGHT



TORRENT

LAYERED BAFFLES



DATUM



DOPPELGANGER



REVEAL

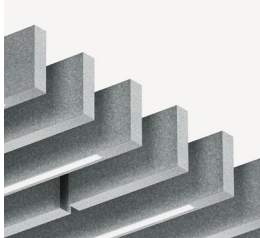


TIMBER

LIGHTING

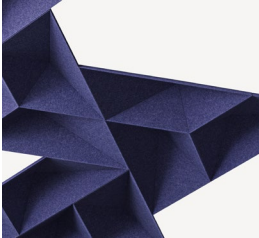


BEAM LED



SLAB LED

CLOUDS



FRACTAL

