


GRIGLIA

MUTO acoustic ceiling solutions

 SOELBERG

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MUTO acoustic ceiling solutions

We've made statement ceilings easy with cool canopies of gridded ceiling baffles.

Choose from cell sizes ranging from 30" x 30" up to 48" x 48" in depths of 6" or 8" or the combination of both for endless ceiling concepts.

Make It Cool. Make It Quiet.

SPECIFICATION

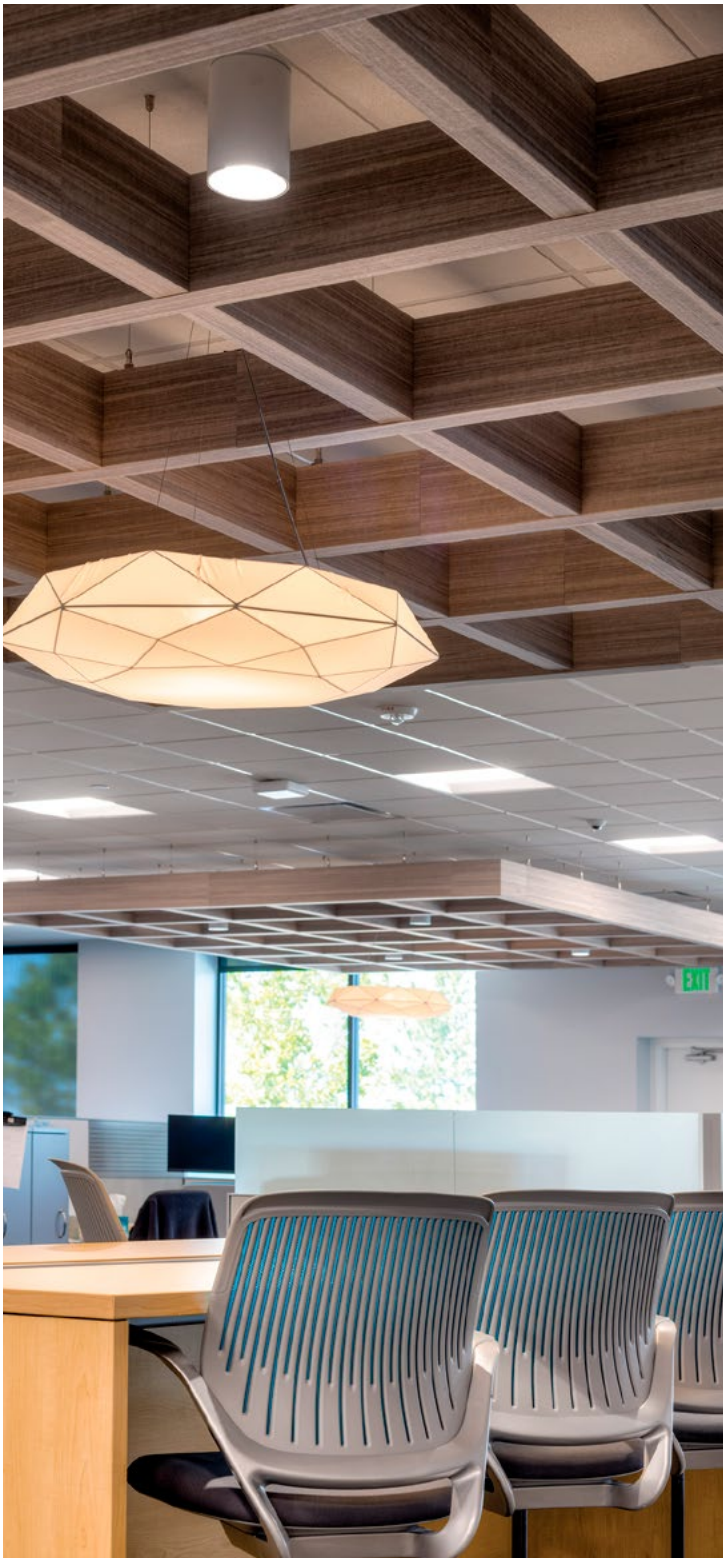
CONTENT	100% POLYESTER (PET) FELT	
CORE THICKNESS	1/2" (12MM)	
CELL SIZE	30" x 30"	36" x 36"
	42" x 42"	48" x 48"
BAFFLE DEPTH	6", 8" OR COMBINATION	
COLORWAYS	39 SOLID COLORS 12 WOODED PRINT GRAINS 4 PRINTED COLORS OR CUSTOM PRINT	
WEIGHT	2 LBS SQFT	
ACOUSTICS	TESTING IN PROGRESS	
FIRE RATING	CLASS A ASTM - E84	
ENVIRONMENTAL	DELCARE, MINDFUL MATERIALS & GREENGUARD GOLD CERTIFIED. MUTO IS PRODUCED FROM 100% RECYCLABLE PET FELT WITH A MINIMUM OF 60% PRE-CONSUMER RECYCLED CONTENT.	
COLORFASTNESS	IN ACCORDANCE WITH ATCC 16.3 OPTION 3 THE COLOR CHANGE TO LIGHT AT 20 AFU WAS 4.5.	
FINISH	MATTE	
APPLICATION	INDOOR USE ONLY	
LEAD TIME	2 - 4 WEEKS (STOCK COLOR & PRINT)	
WARRANTY	2 YEARS	

TOLERANCES & MAINTENANCE

PET core is a soft fibrous material. All dimensions and squareness are subject to +/- 1/16" tolerance.

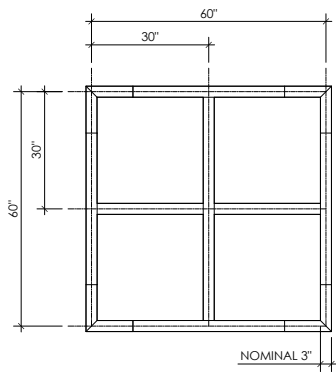
Vacuum to remove dirt and dust. Remove spills or spots immediately using a clean damp cloth. Carpet and fabric cleaners can also be used to clean. (Always test an inconspicuous area first.) Compressed air may be used to dust in difficult or hard-to-reach areas.

To disinfect, bleach can be used in accordance with CDC Cleaning & Disinfection instructions. The solution ratio is 5 tablespoons of bleach to 1 gallon of water | 4 teaspoons of bleach to 1 quart of water. Apply solution by spray and wipe off immediately. (Always test in an inconspicuous area first.)

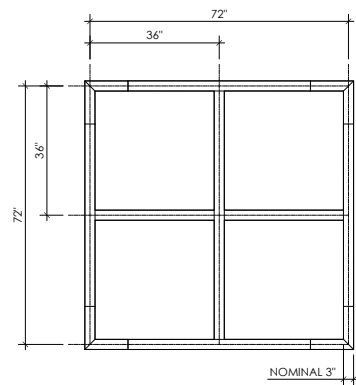


SIZE

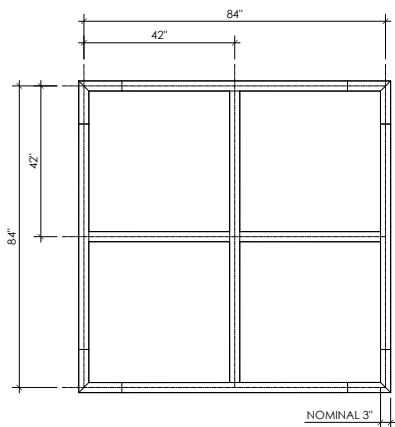
CELLS RANGE FROM 30" - 48"



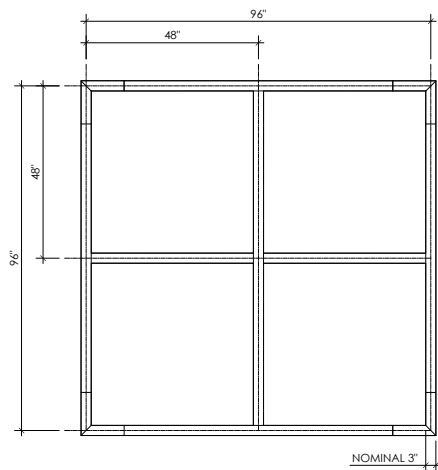
GRIGLIA (30)



GRIGLIA (36)



GRIGLIA (42)

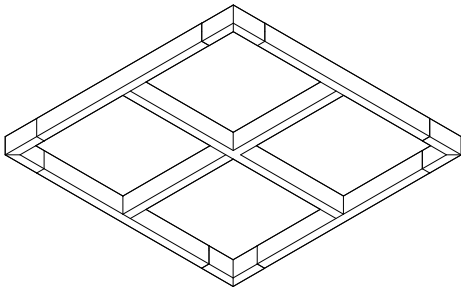


GRIGLIA (48)

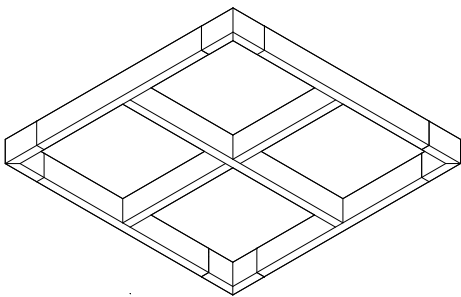


BAFFLE DEPTH

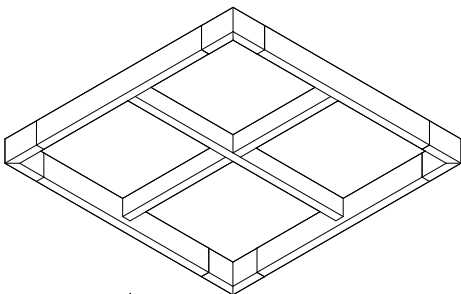
6", 8" OR COMBINATION



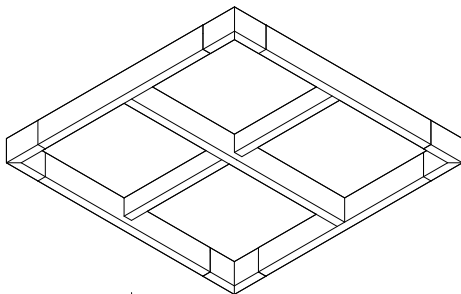
6" BAFFLE & BORDER DEPTH



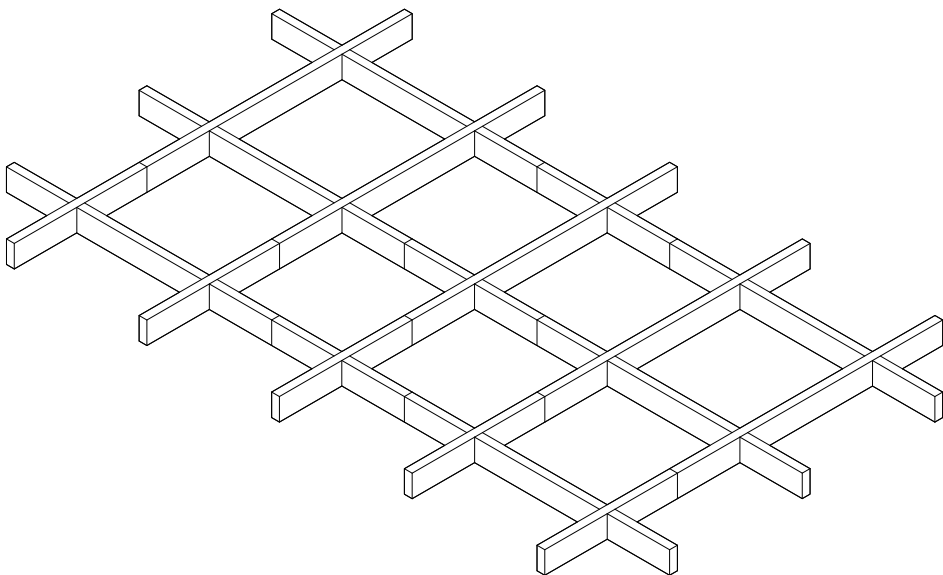
8" BAFFLE & BORDER DEPTH



6" BAFFLE & 8" BORDER DEPTH



6" & 8" BAFFLE COMBINATION & 8" BORDER DEPTH



6" OR 8" BAFFLE DEPTH & NO BORDER WITH END CAPS

COLOR (STOCK)

MATTE COLOR

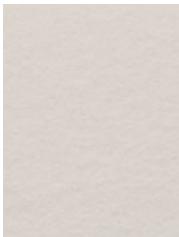
27 STANDARD COLORS
CUSTOM PRINT COLORS AVAILABLE
(CONTACT YOUR LOCAL SALES REP)
100% RECYCLABLE PET FELT

TOLERANCES

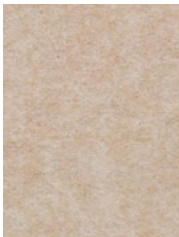
PET felt is made from 100% recyclable polyester plastic. Variation in depth will occur. Slight and consistent variations in color, density, texture are inherent to this core material and should be expected. Color, density and texture will vary by dye lot. MUTO is made with a 'felting' process which results in a textural heathered effect where the fibers consist of multiple tones and shades.



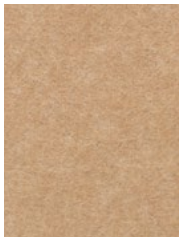
WHITE



BONE



OATMEAL



CAMEL



SAND



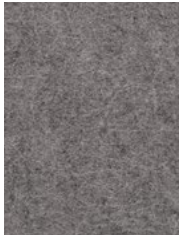
CASHMERE



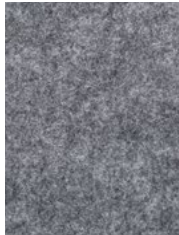
FOG



LAMB'S EAR



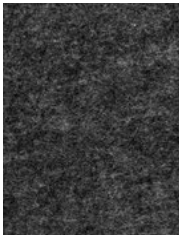
PEWTER



NORDIC KNIT



WINTER WATER



GRAPHITE



BLACK



MIDNIGHT



BLUEBERRY



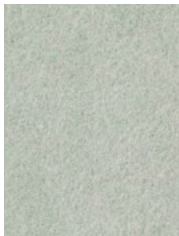
JUNIPER



SPLASH



STORM



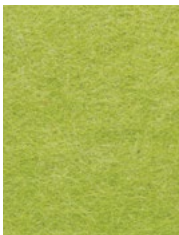
SEAFOAM



SAGE



ARTICHOKE



LICHEN



SUNSHINE



QUAKING ASPEN



CLEMENTINE



CHILI PEPPER



CURRANT

COLOR (NON STOCK)

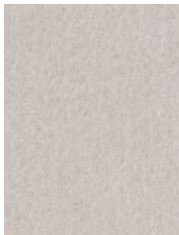
EXTENDED LEAD TIME

MATTE COLOR

12 STANDARD NON-STOCKED COLORS
CUSTOM PRINT COLORS AVAILABLE
(CONTACT YOUR LOCAL SALES REP)
100% RECYCLABLE PET FELT

TOLERANCES

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LATTE



CITY GRAY



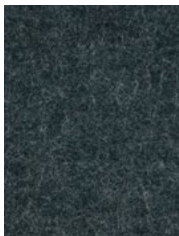
BONDI BLUE



MARINE



WASHED DENIM



DEEP JUNGLE



COLLARD GREEN



ASPARAGUS



PECAN



SIENA



RASPBERRY



PINK LEMONADE

WOODED PRINT COLOR

MATTE FINISH

12 PRINTED WOODED GRAINS

1/2" CORE THICKNESS

100% RECYCLABLE PET FELT



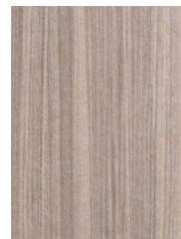
WHITE WASHED OAK



BLONDE MAPLE



NATURAL ASH



AGED ASH



SMOKED ASH

TOLERANCES

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Please request physical samples as colors are represented differently with different computer monitors.



AMBER ASH



WARM WALNUT



NATURAL WALNUT



BLACK WALNUT



WEATHERED PINE



CARBON WALNUT



CHARRED OAK

PRINT COLOR

MATTE FINISH

4 PRINTED STANDARD COLORS

1/2" CORE THICKNESS

100% RECYCLABLE PET FELT

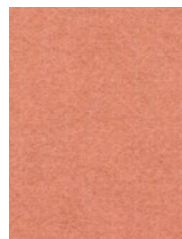
CUSTOM PRINT COLORS AVAILABLE

(CONTACT YOUR LOCAL SALES REP)

TOLERANCES

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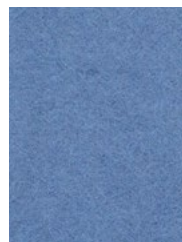
Please request physical samples as colors are represented differently with different computer monitors.



DESERT ROSE



DARK CLAY



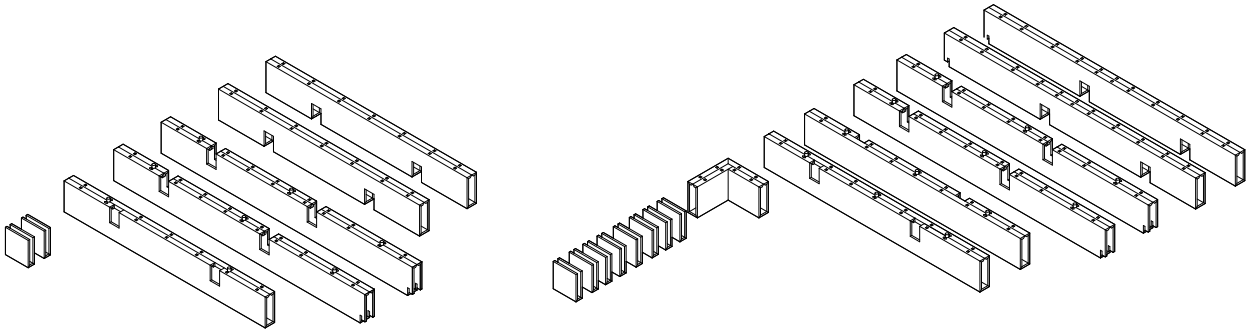
RIVER



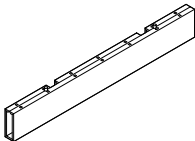
SAP GREEN

AESSEMBLY

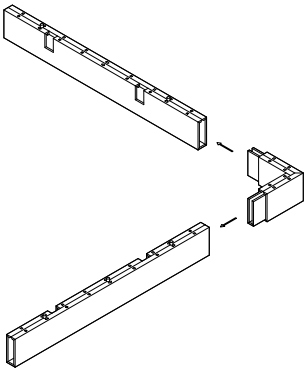
BAFFLE AND BORDER CONNECTION



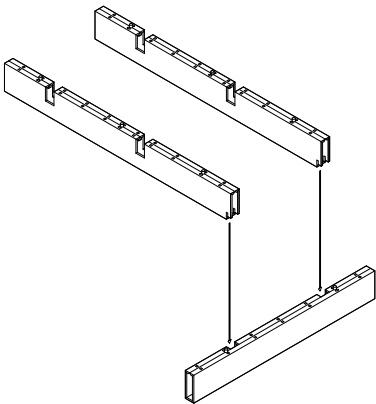
BAFFLES & BORDER PARTS



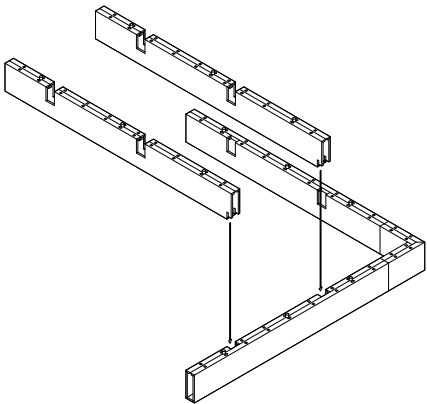
STEP 01



STEP 01



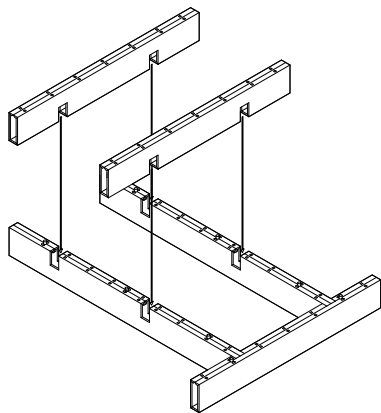
STEP 02



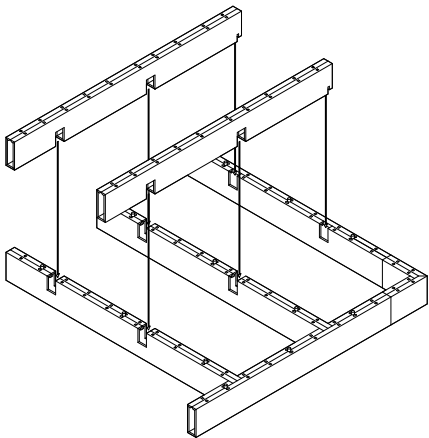
STEP 02

AESSEMBLY CONTINUED

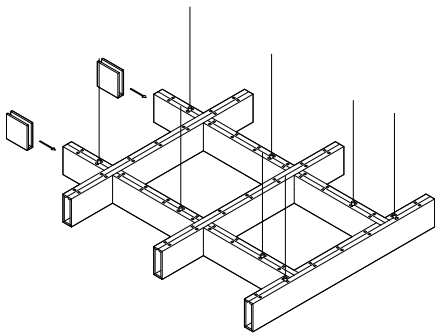
BAFFLE AND BORDER CONNECTION



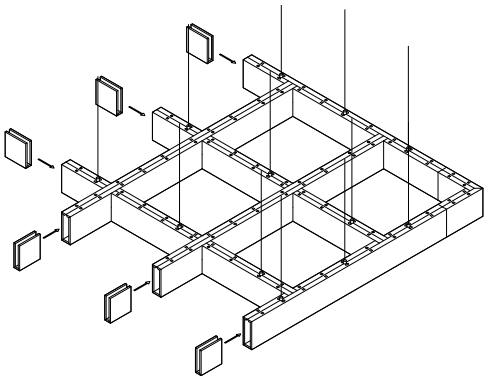
STEP 03



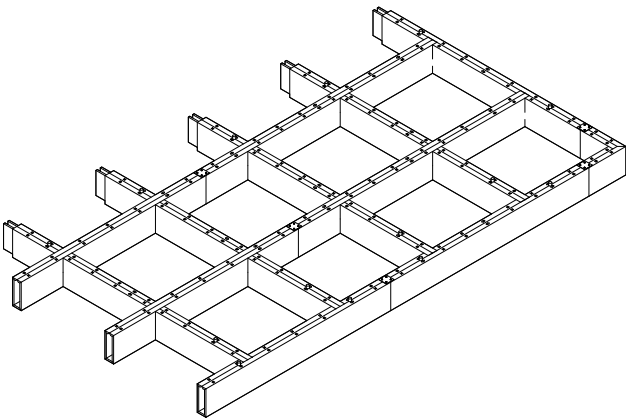
STEP 03



STEP 04



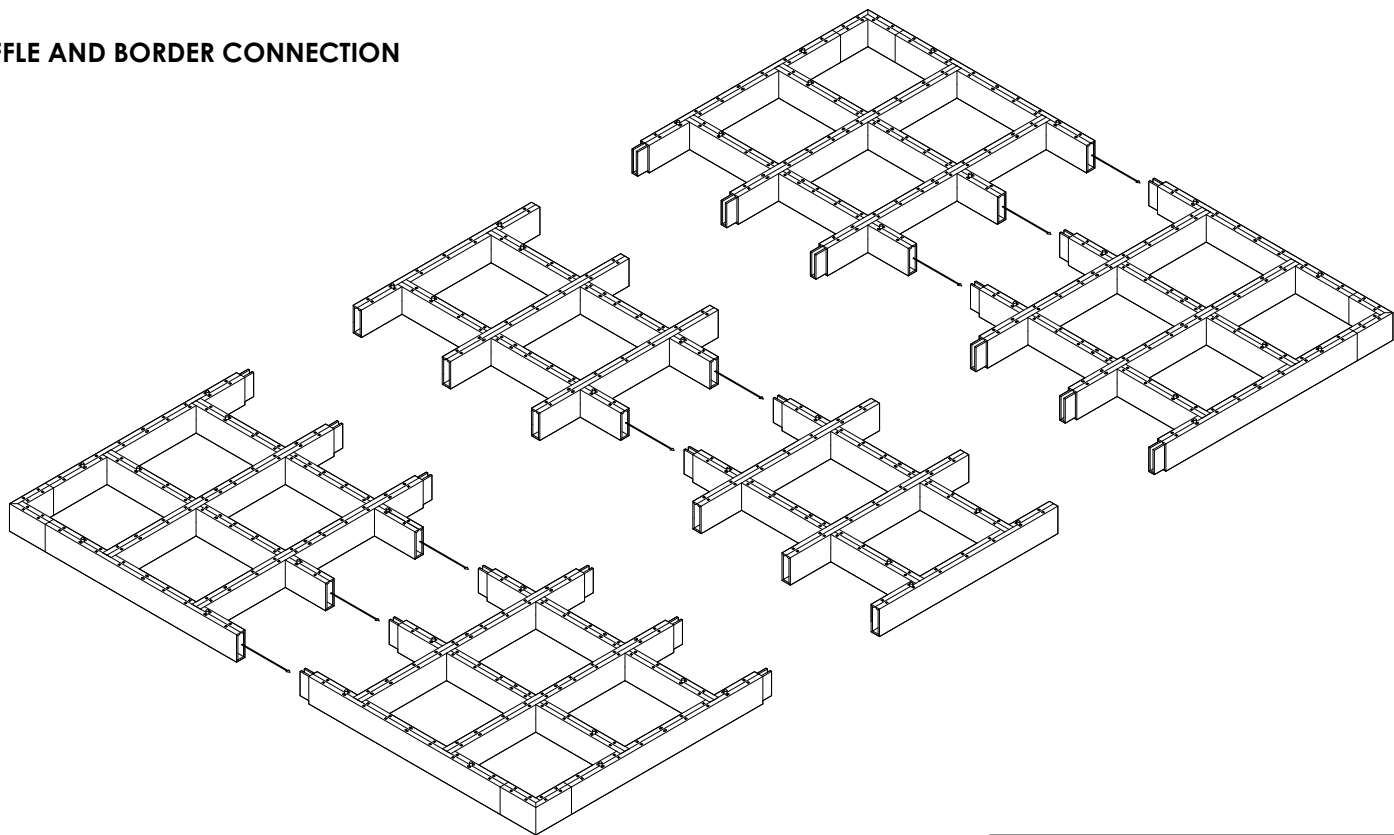
STEP 04



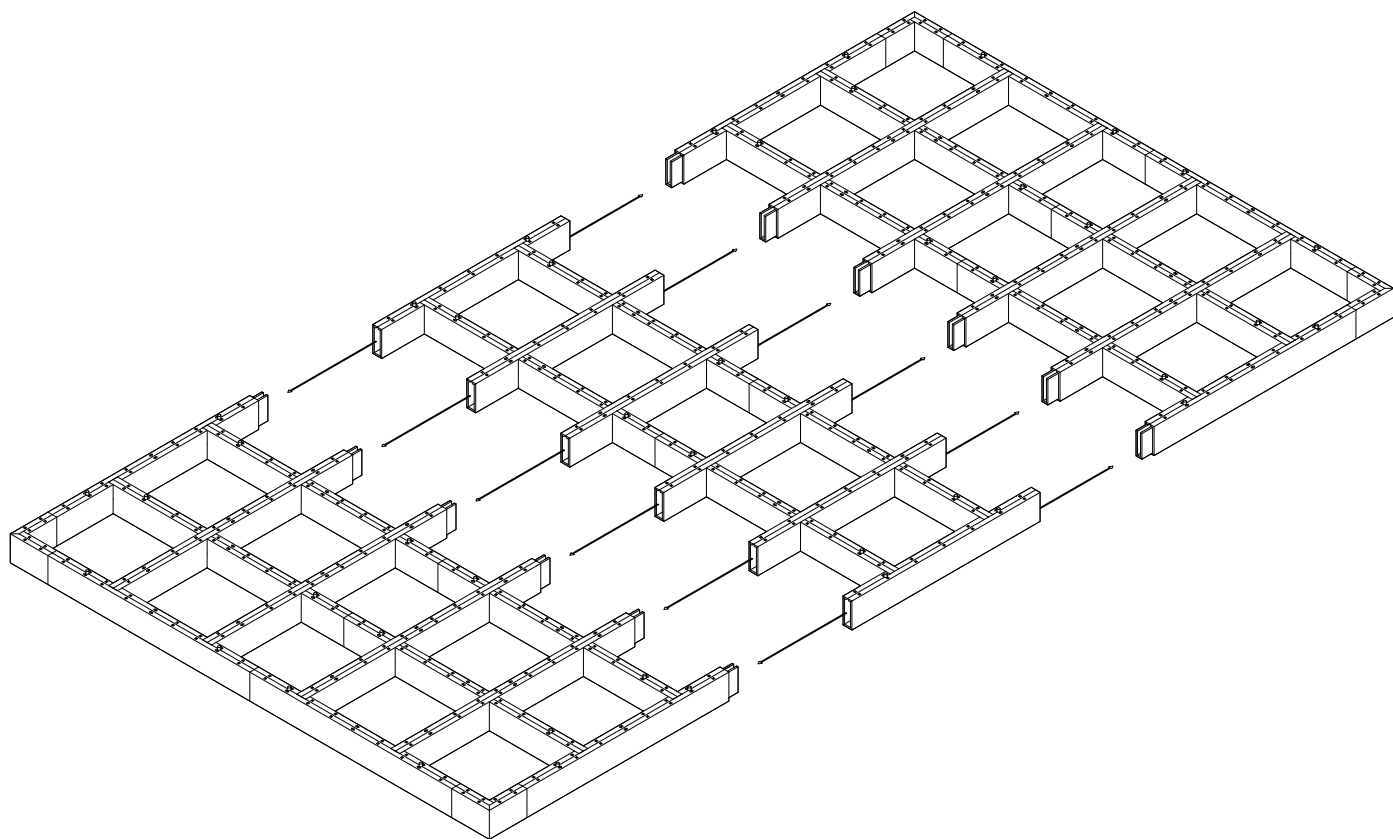
STEP 05

AESSEMBLY CONTINUED

BAFFLE AND BORDER CONNECTION



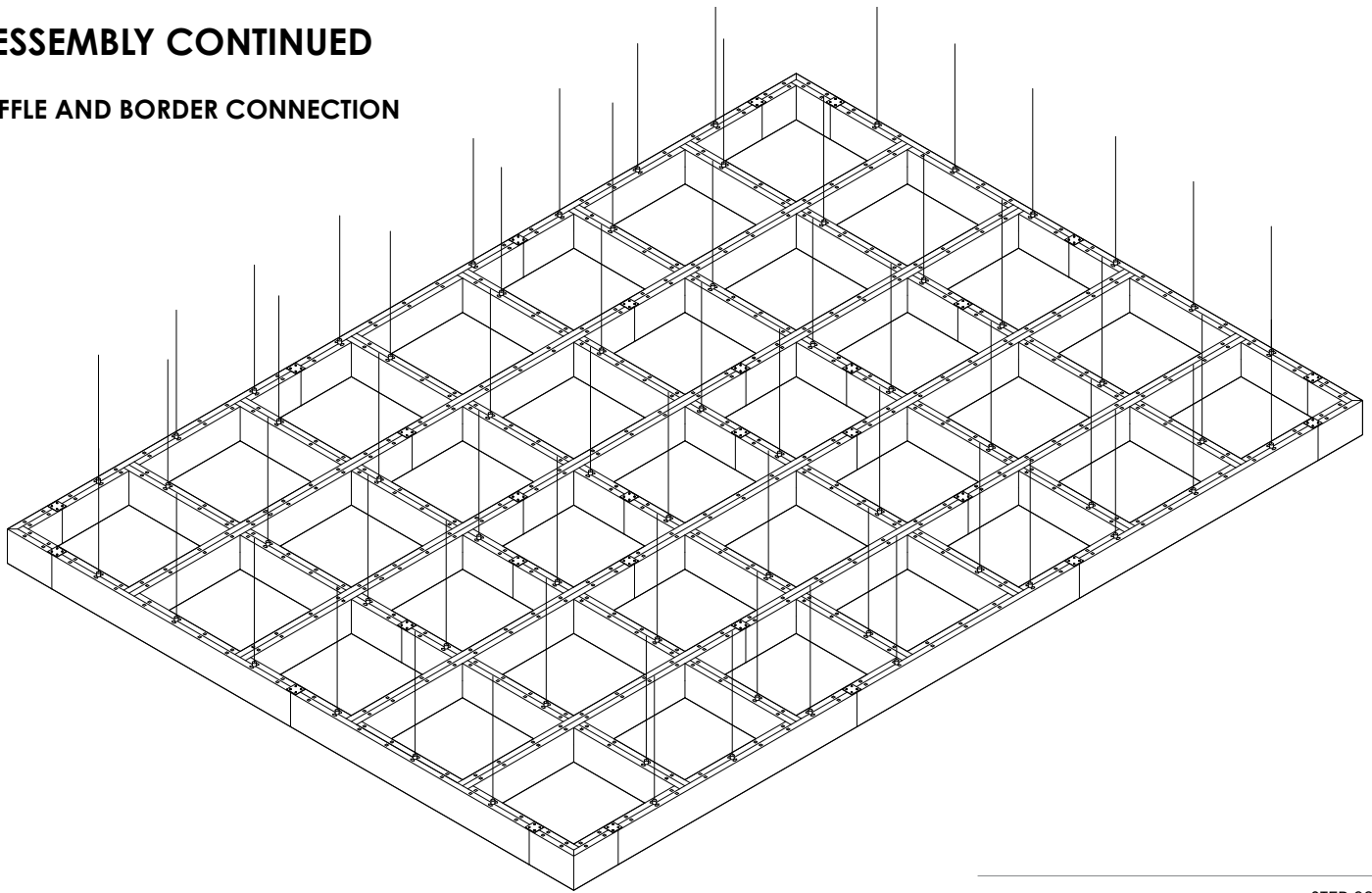
STEP 06



STEP 07

ASSEMBLY CONTINUED

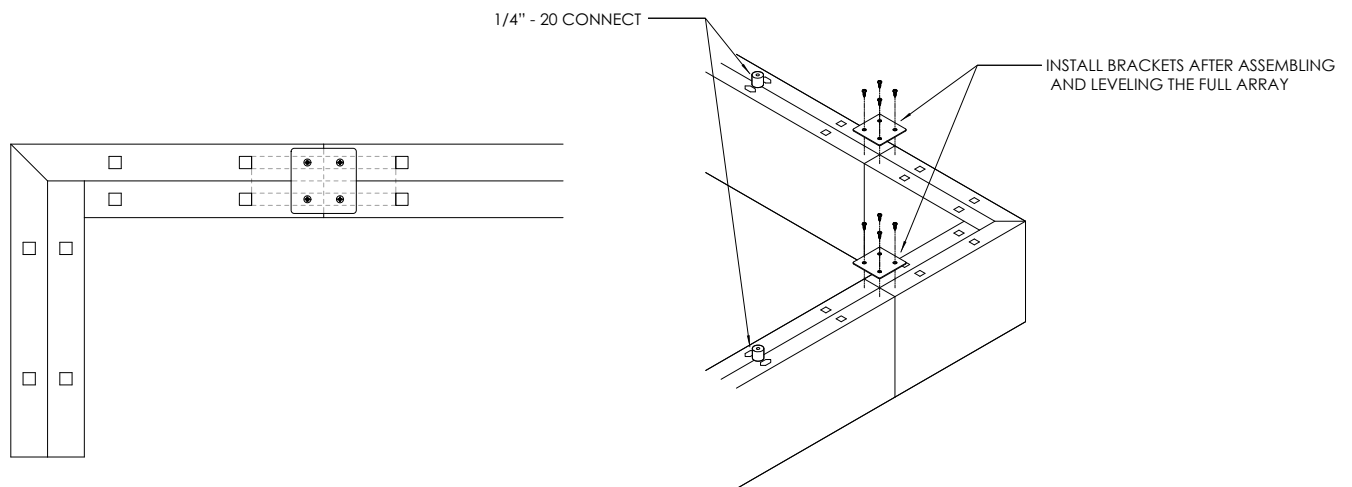
BAFFLE AND BORDER CONNECTION



STEP 08

HARDWARE ATTACHMENT

COUPLER AND BRACKET



1/4" - 20 CONNECT AND BRACKET LOCATIONS

HARDWARE CONTINUED

1/4" - 20 CONNECT ATTACHMENT

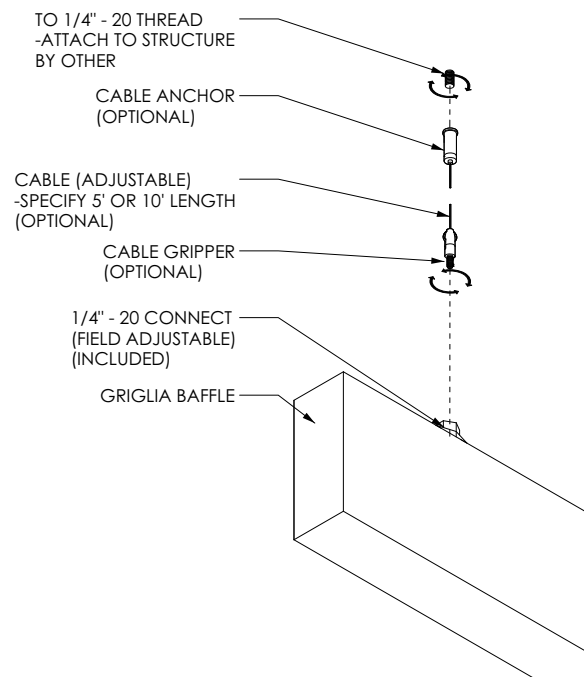
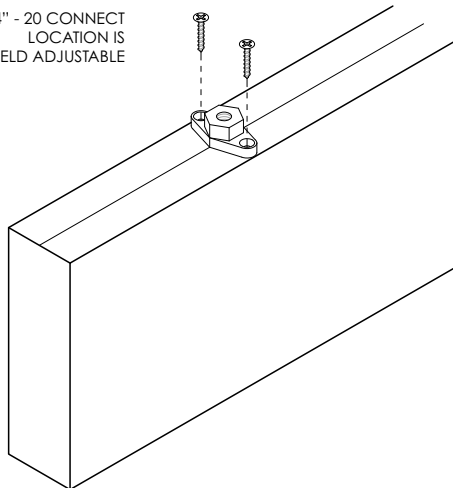
1/4" - 20 THREADED CONNECT

FACTORY INSTALLED

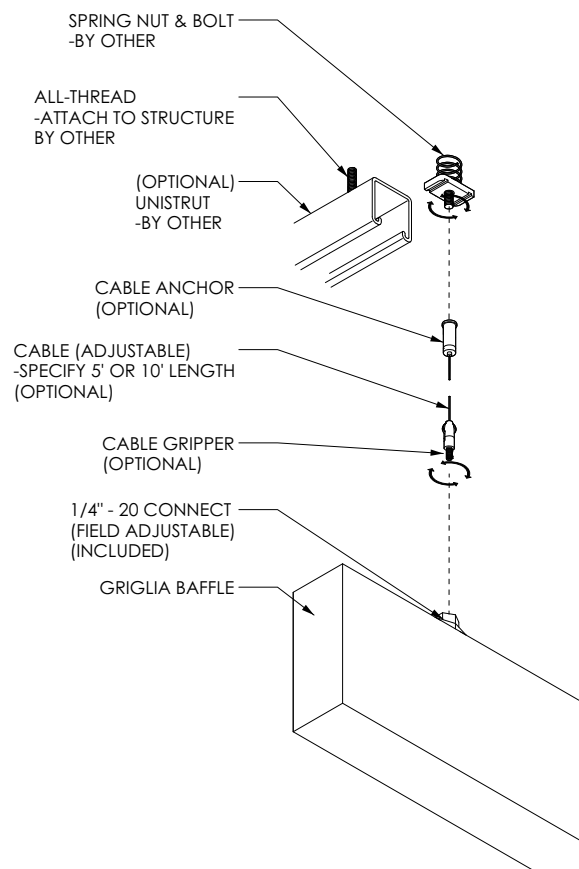
CONNECT CAN DETACH AND BE RELOCATED IN FIELD

CONNECT CAN ATTACH TO ANY 1/4" - 20 SYSTEM

1/4" - 20 CONNECT
LOCATION IS
FIELD ADJUSTABLE



1/4" - 20 CONNECT TO DECK INSTALLATION



1/4" - 20 CONNECT WITH UNISTRUT INSTALLATION

ACOUSTICS

NRC values in the United States use the ASTM C423 for an industry wide standard for testing acoustic baffles.

The previous test: ASTM C423-17: "Standard Test Method for Sound Absorption and Sound Absorption Coefficients by the Reverberation Room Method." has been replaced in 2023 with ASTM C423-23.

This latest version removes ambiguity regarding the surface area used to calculate the NRC values.

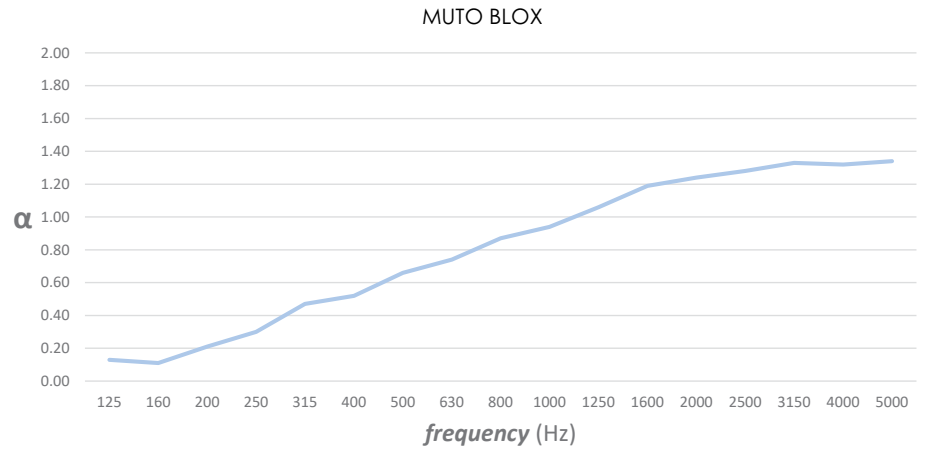
Previous Soelberg NRC values for hanging baffles have used ASTM C423-17 with the total sound absorption divided by the total surface area of the test surface covered by the hanging baffles, including intermediate spaces. This is more conservative than other calculation methods, but is most representative of the intended use of our baffles.

As of July 2023, Soelberg has adapted all of our NRC tests to the latest method: ASTM C423-23.

The new standard is more precise, avoiding the ambiguity inherent in C423-17. The new C423-23 also includes an additional 12" of space in the baffle array for all tests. This was not included in the previous test standard, and may cause the final NRC value to decrease slightly.

Soelberg strives to have the most precise acoustic data possible, and is the first manufacturer to adopt the new standard to our knowledge.

Please confirm that the ASTM C423-23 method was used when comparing competing products.



BLOX	SAMPLE FREQUENCY (Hz)				NRC	SAA
	250	500	1000	2000		
6"	0.30	0.66	0.94	1.24	0.80	0.79

***NRC values are from Blox 6" baffles spaced at 6" on center. Blox 4" baffles have slightly lower values and Blox 8" baffles will have higher values.

APPARENT NRC RATINGS

NRC values are typically used for flat surfaces of a given surface area, e.g. carpet or wall coverings. When rating hanging objects that are spread out, the 'Apparent NRC' is used.

WHAT IS NRC?

NRC is an acronym for Noise Reduction Coefficient. This is a convenient single rating for assessing the absorbency of a material. This can be used to predict its efficacy for reducing reverberation within a room. NRC the absorption coefficients at 125 Hz, 250 Hz, 500 Hz and 1,000 Hz, rounded to the nearest 0.05.

WHY NOT STC?

STC (Sound Transmission Class) is a value used to describe the amount of sound that passes through a barrier. This can be given to a material or an entire wall assembly. If you need to assess how well a barrier can block sound between rooms you'll need to know the STC rating. Acoustic baffles are not used to physically divide rooms, but rather to absorb noise within a room. Problematic noise in a room is called reverberation. This can manifest as droning or ringing sound when people are speaking, or in the worst case: an echo. For this reason, NRC or SAA are the appropriate rating systems for treating reverberation issues.

ENVIRONMENTAL

DECLARE, MINDFUL MATERIALS & GREENGUARD GOLD CERTIFIED

We care about the environment and it matters that our materials support healthy and productive interior spaces. We use innovative materials but ensure that they meet the highest level of standards and expectations.

MUTO PET felt core material is 100% recyclable with no added urea formaldehyde.

Declare.

