

MUTO BLOX

acoustic ceiling solutions

 SOELBERG

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Rich textural wood grain beams that absorb sound? Yes, MUTO Blox ceiling baffles are your solution for designing with wood blocks that not only look real but perform acoustically for you too. Printed wood grains on PET felt make it easy to introduce the natural beauty of wood that softens sound at the same time.

Make It Cool. Make It Quiet.

SPECIFICATION

| | |
|-------------------------|--|
| CONTENT | 100% POLYESTER (PET) FELT |
| CORE THICKNESS | 1/2" (12MM) |
| BAFFLE THICKNESS | 3" (NOMINAL) |
| COLOR | 12 WOODED GRAINS OR 27 COLORS |
| SIZE | MIN LENGTH: 24" (NOMINAL) MAX LENGTH: 108" (NOMINAL) DEPTH: 4", 6" OR 8" |
| WEIGHT | 1 LB SQUARE FOOT |
| HARDWARE | COUPLER OR STRUTCLIP |
| ACOUSTICS | 0.90 NRC |
| FIRE RATING | CLASS A ASTM - E84 |
| ENVIRONMENTAL | DELICARE, 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 |
| WARRANTY | 2 YEARS |

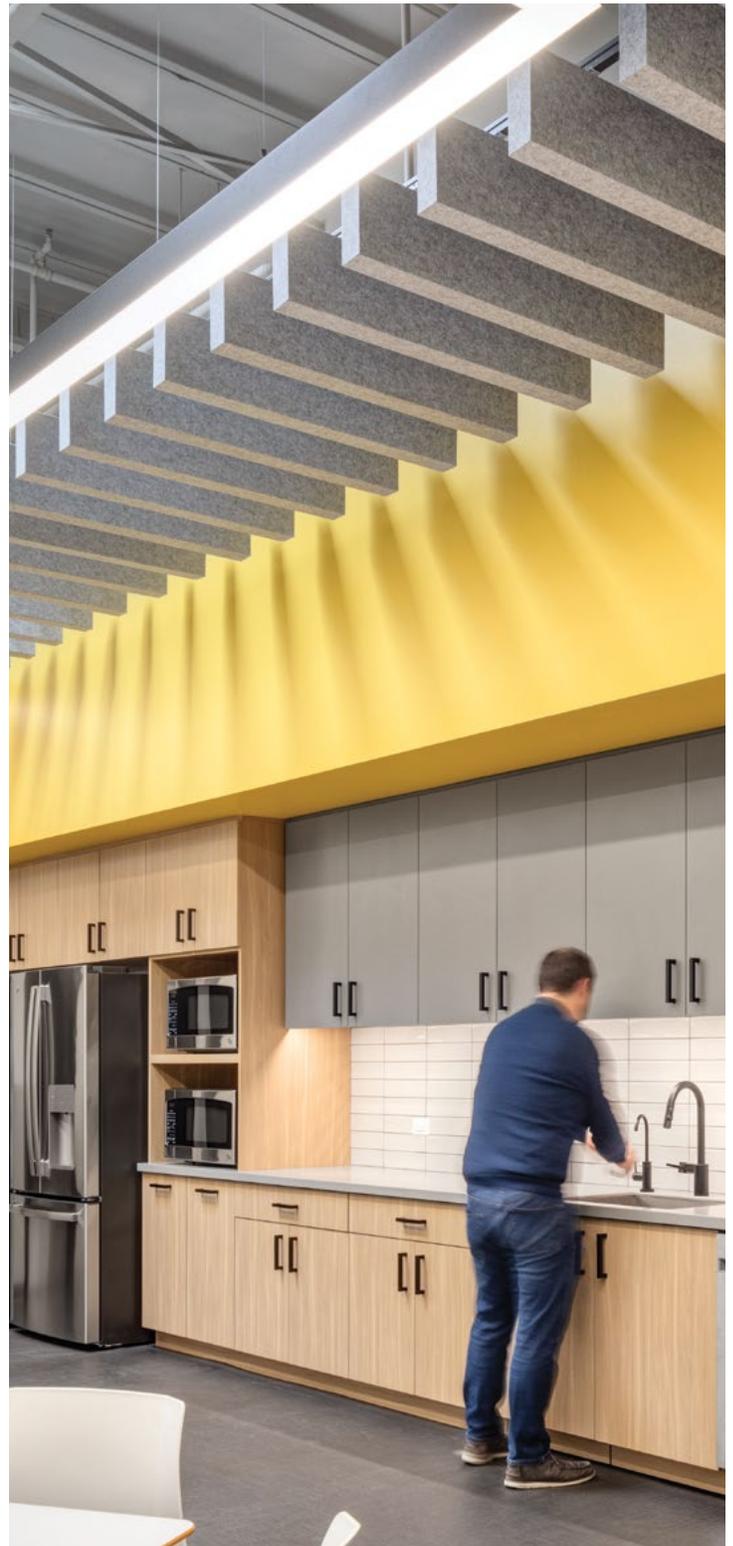
TOLERANCES

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

MAINTENANCE

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.)



WOODED COLOR

MATTE FINISH

12 PRINTED WOODED GRAINS
1/2" CORE THICKNESS

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 WASHED OAK



BLONDE MAPLE



NATURAL ASH



AGED ASH



SMOKED ASH



AMBER ASH



WARM WALNUT



NATURAL WALNUT



BLACK WALNUT



WEATHERED PINE



CARBON WALNUT



CHARRED OAK

COLOR

MATTE COLOR

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



WHITE



BONE



OATMEAL



CAMEL



SAND

TOLERANCES

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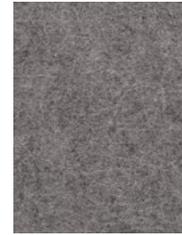
CASHMERE



FOG



LAMB'S EAR



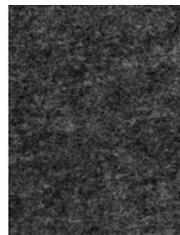
PEWTER



NORDIC KNIT



WINTER WATER



GRAPHITE



BLACK



MIDNIGHT



BLUEBERRY



JUNIPER



SPLASH



STORM



SEAFOAM



SAGE



ARTICHOKE



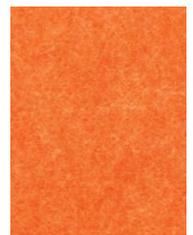
LICHEN



SUNSHINE



QUAKING ASPEN



CLEMENTINE



CHILI PEPPER



CURRANT

SIZE

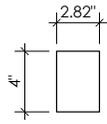
BLOX CEILING BAFFLE

BAFFLE THICKNESS: 3"

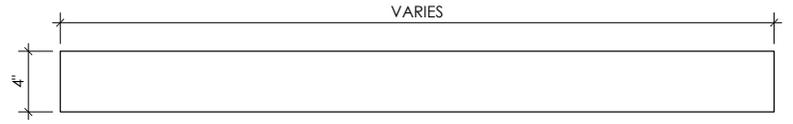
BAFFLE DEPTH: 4", 6" OR 8"

BAFFLE LENGTH: 24" - 108" (NOMINAL)

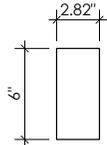
(CONTACT YOUR SOELBERG REPRESENTATIVE FOR DEPTHS GREATER THAN 8")



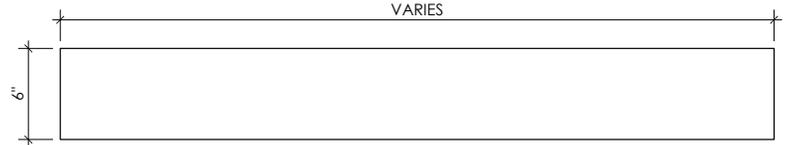
FRONT



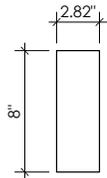
SIDE



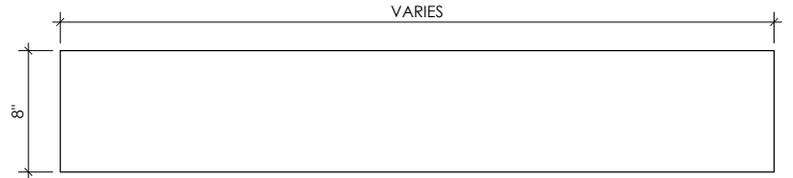
FRONT



SIDE



FRONT



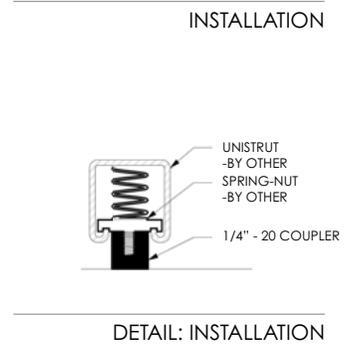
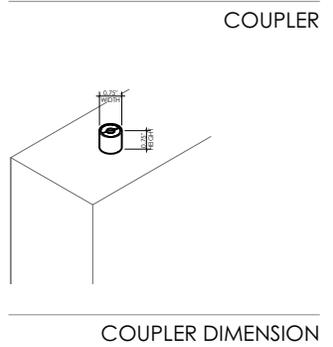
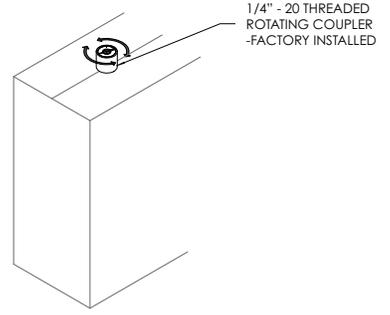
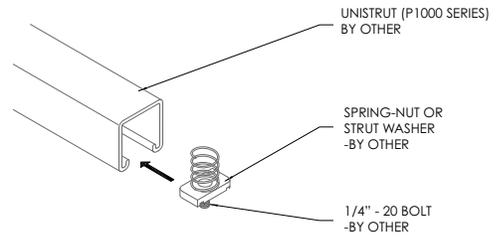
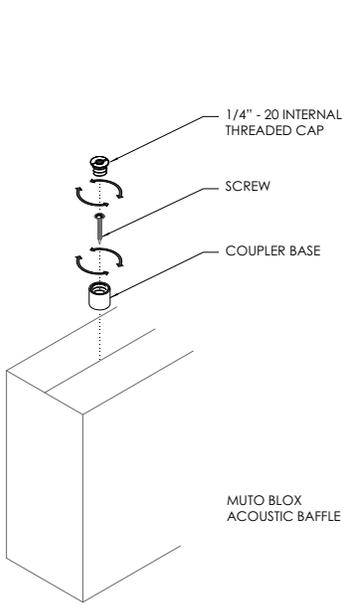
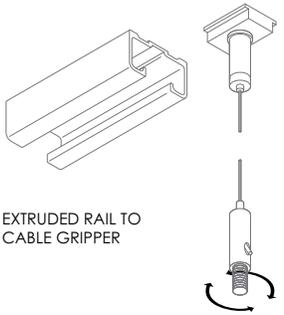
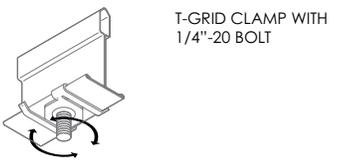
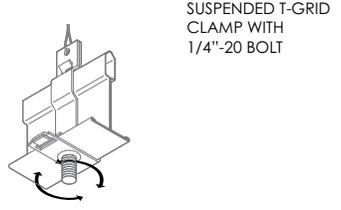
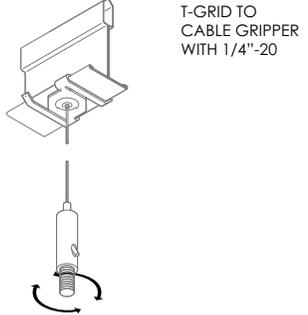
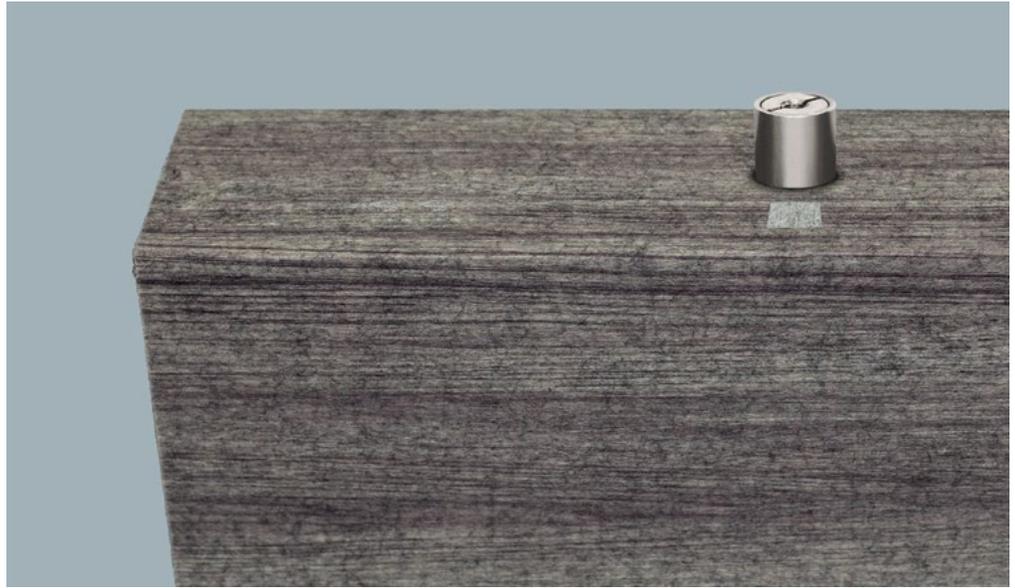
SIDE



HARDWARE

COUPLER CONNECTION

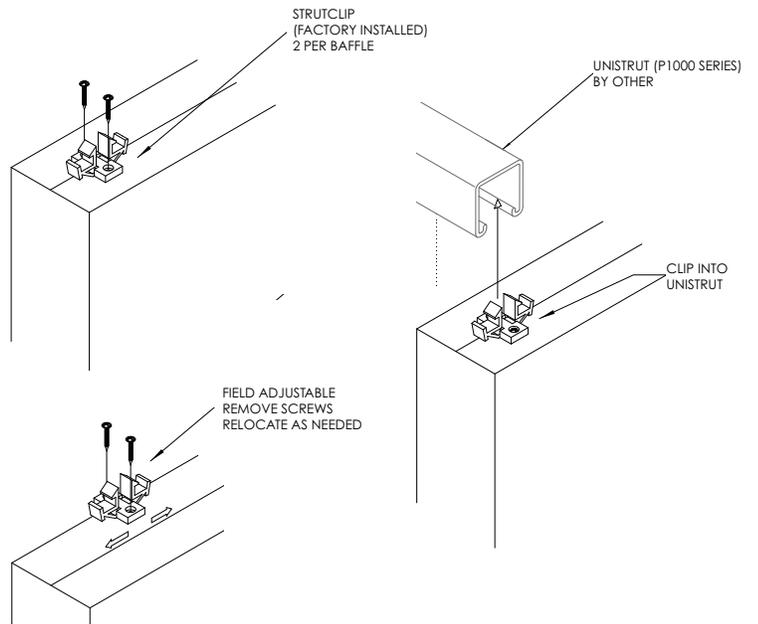
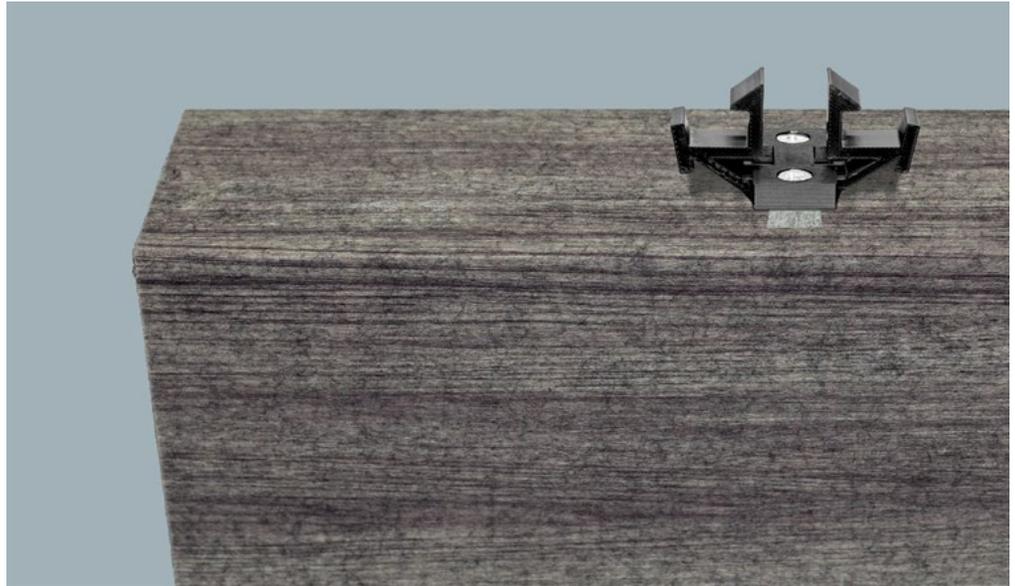
1/4" - 20 THREADED COUPLER
 2 COUPLERS PER BAFFLE
 FACTORY INSTALLED COUPLER
 COUPLER CAN ATTACH TO
 ANY 1/4" - 20 SYSTEM
 (SEE EXAMPLES BELOW)



HARDWARE

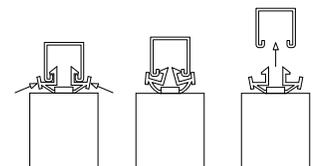
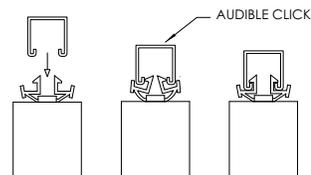
STRUTCLIP CONNECTION

FOR UNISTRUT INSTALLATION
UNISTRUT (P1000 SERIES) BY OTHERS
2 STRUTCLIP PER BAFFLE
FACTORY INSTALLED STRUTCLIP
STRUTCLIP LOCATION IS FIELD
ADJUSTABLE. REMOVE SCREWS AND
RELOCATE AS NEEDED.



STRUTCLIP

INSTALLATION



TO REMOVE, SQUEEZE TABS ON BOTH SIDES AND BAFFLE WILL DROP FROM UNISTRUT

FOR BAFFLES LONGER THAN 48", TWO INDIVIDUALS ARE REQUIRED FOR BAFFLE REMOVAL.

DETAIL: INSTALLATION ENGAGE & DISENGAGE

ACOUSTICS

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.



| PRODUCT | MOUNTING | | SAMPLE FREQUENCY (Hz) | | | | NRC | SAA |
|---------|----------------|---|-----------------------|------|------|------|------|------|
| | | | 250 | 500 | 1000 | 2000 | | |
| BLOX | J ₁ | α | 0.34 | 0.74 | 1.06 | 1.39 | 0.90 | 0.89 |

***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.

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.

