

MUTO BLOX

acoustic ceiling solutions

 SOELBERG

MUTO BLOX

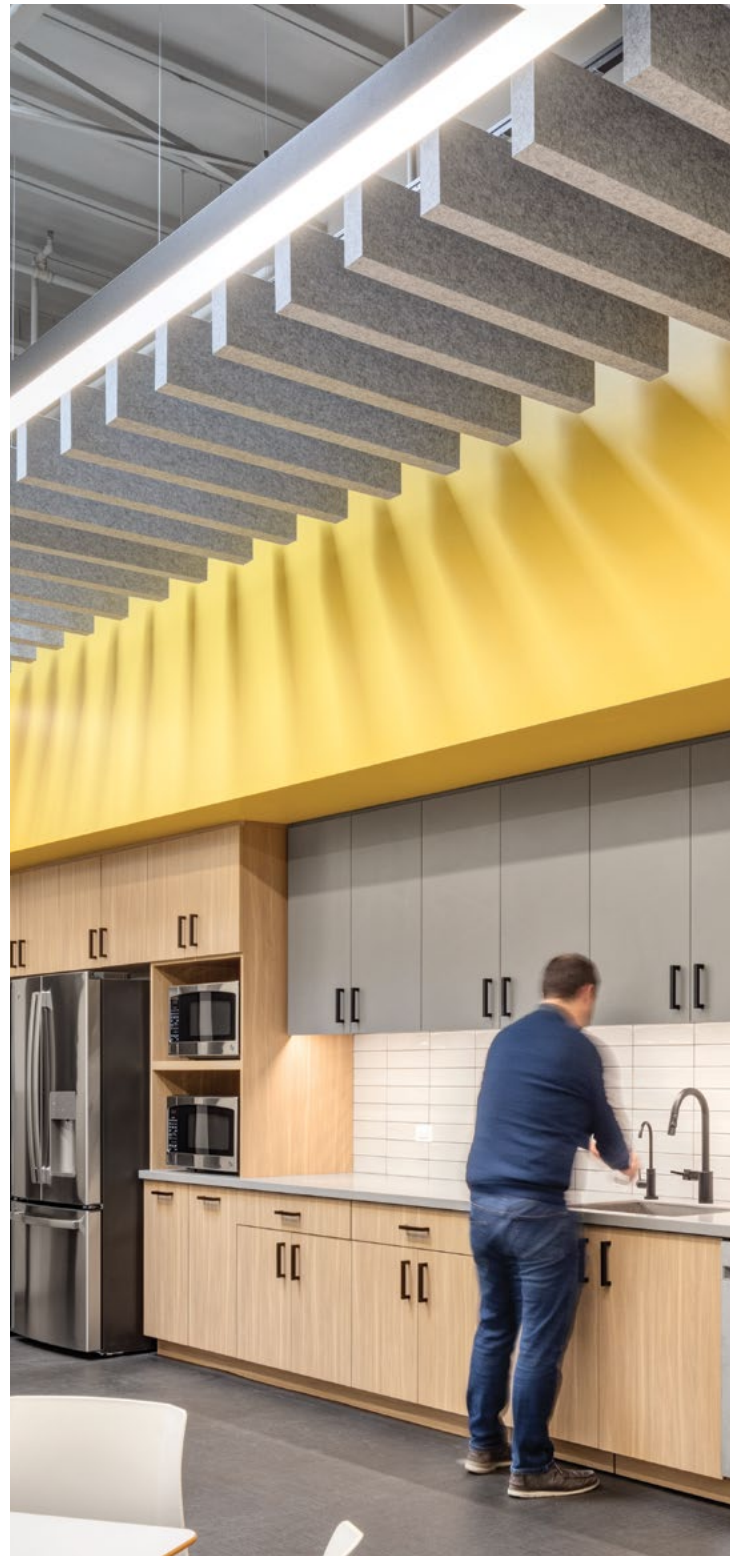
acoustic ceiling solutions

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 39 COLORS |
| SIZE | MIN LENGTH: 24" (NOMINAL) MAX LENGTH: 108" (NOMINAL) DEPTH: 4", 6" OR 8" |
| WEIGHT | 1 LB SQUARE FOOT |
| HARDWARE | 1/4"-20 CONNECT, STRUTCLIP, COUPLER |
| ACOUSTICS | 0.90 NRC |
| FIRE RATING | CLASS A ASTM - E84 |
| ENVIRONMENTAL | DELWARE, 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 |



TOLERANCE & MAINTENANCE

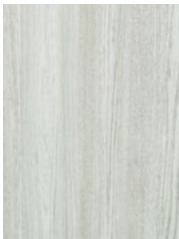
PET core is a soft fibrous material. All dimensions and squareness are subject to +/- 1/16" tolerance.

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.)

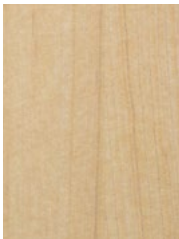
WOODED PRINT COLOR

MATTE FINISH

12 PRINTED WOODED GRAINS
1/2" CORE THICKNESS
100% RECYCLABLE PET FELT



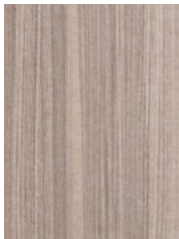
WHITE WASHED OAK



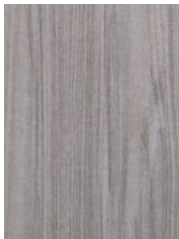
BLONDE MAPLE



NATURAL ASH



AGED ASH

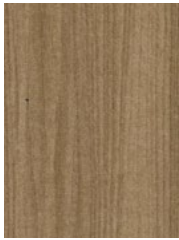


SMOKED ASH

TOLERANCES

PET felt is made from 100% recyclable polyester plastic. 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.

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



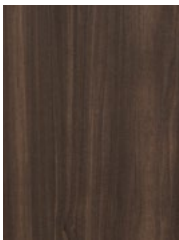
AMBER ASH



WARM WALNUT



NATURAL WALNUT



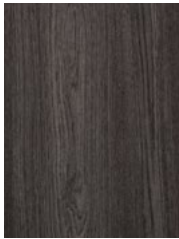
BLACK WALNUT



WEATHERED PINE



CARBON WALNUT



CHARRED OAK

COLOR (STOCK)

MATTE COLOR

27 STANDARD COLORS

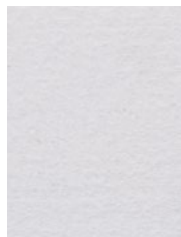
CUSTOM PRINT COLORS AVAILABLE

(CONTACT YOUR LOCAL SALES REP)

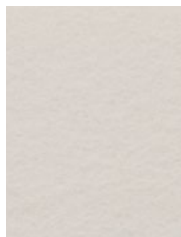
100% RECYCLABLE PET FELT

TOLERANCES

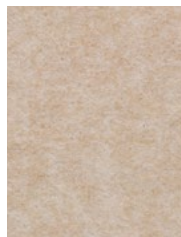
PET felt is made from 100% recyclable polyester plastic. Variation in depth will occur. Slight and consistent variations in color, density, texture are inherent to this core material and should be expected. Color, density and texture will vary by dye lot. MUTO is made with a 'felting' process which results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



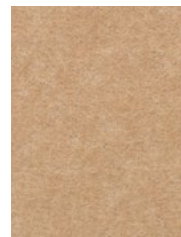
WHITE



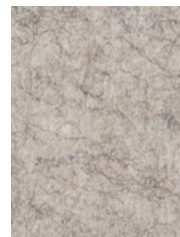
BONE



OATMEAL



CAMEL



SAND



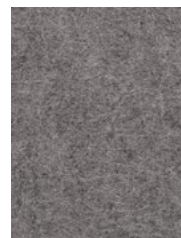
CASHMERE



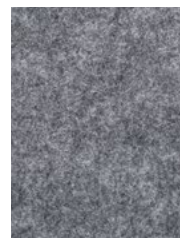
FOG



LAMB'S EAR



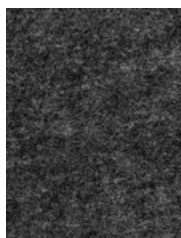
PEWTER



NORDIC KNIT



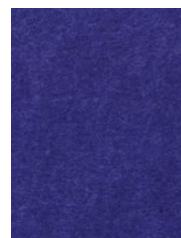
WINTER WATER



GRAPHITE



BLACK



MIDNIGHT



BLUEBERRY



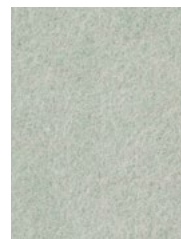
JUNIPER



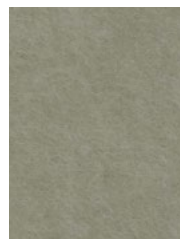
SPLASH



STORM



SEAFOAM



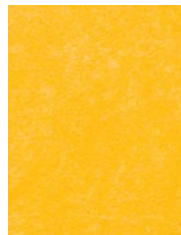
SAGE



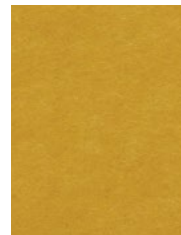
ARTICHOKE



LICHEN



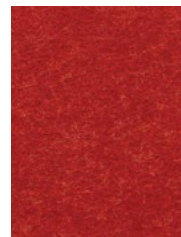
SUNSHINE



QUAKING ASPEN



CLEMENTINE



CHILI PEPPER



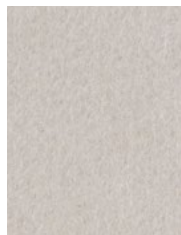
CURRANT

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



LATTE



CITY GRAY



BONDI BLUE



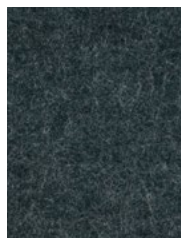
MARINE



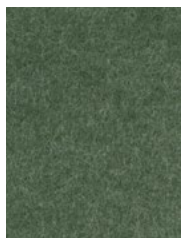
WASHED DENIM

TOLERANCES

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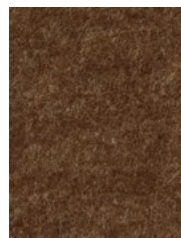
DEEP JUNGLE



COLLARD GREEN



ASPARAGUS



PECAN



SIENA



RASPBERRY



PINK LEMONADE

PRINT COLOR

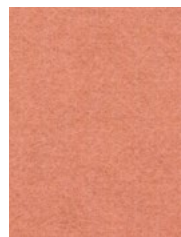
MATTE FINISH

4 PRINTED STANDARD COLORS
1/2" CORE THICKNESS
100% RECYCLABLE PET FELT
CUSTOM PRINT COLORS AVAILABLE
(CONTACT YOUR LOCAL SALES REP)

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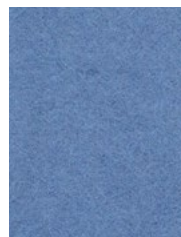
Please request physical samples as colors are represented differently with different computer monitors.



DESERT ROSE



DARK CLAY



RIVER



SAP GREEN

SIZE

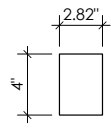
BLOX CEILING BAFFLE

BAFFLE THICKNESS: 3"

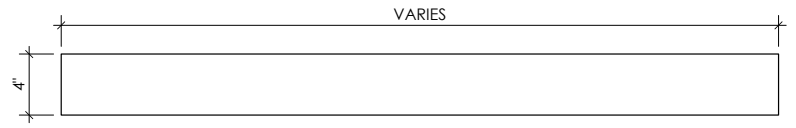
BAFFLE DEPTH: 4", 6" OR 8"

BAFFLE LENGTH: 24" - 108" (NOMINAL)

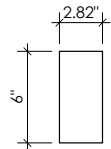
(CONTACT YOUR SOELBERG
REPRESENTATIVE FOR DEPTHS
GREATER THAN 8")



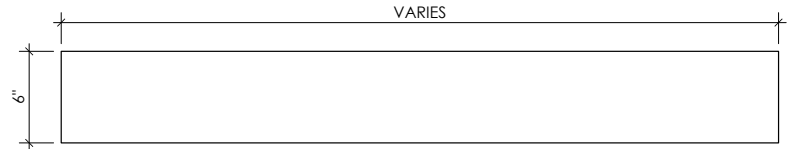
FRONT



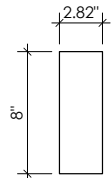
SIDE



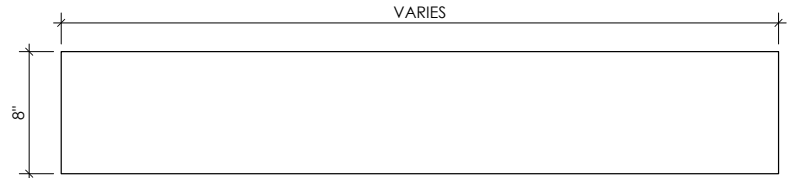
FRONT



SIDE



FRONT



SIDE



HARDWARE

1/4" - 20 CONNECT CONNECTION

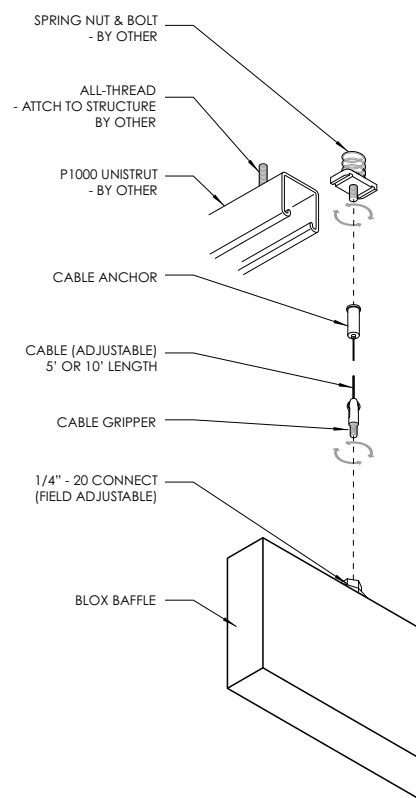
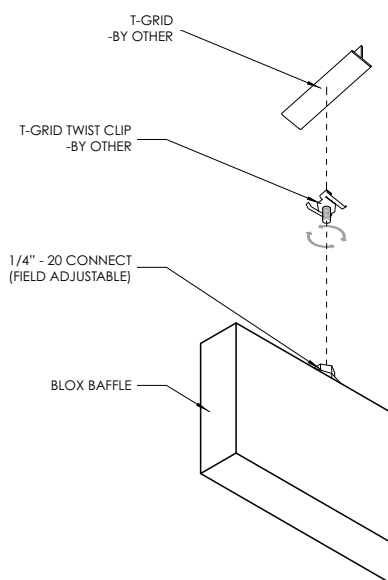
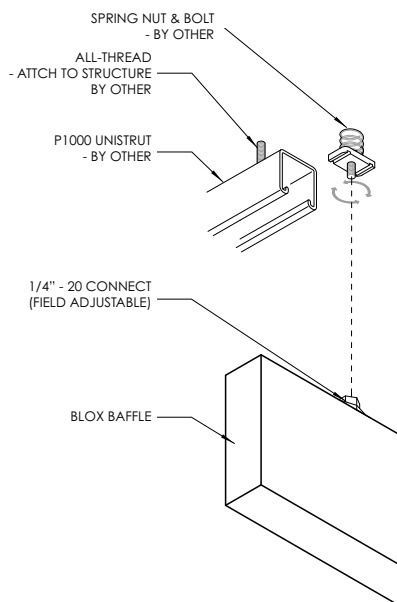
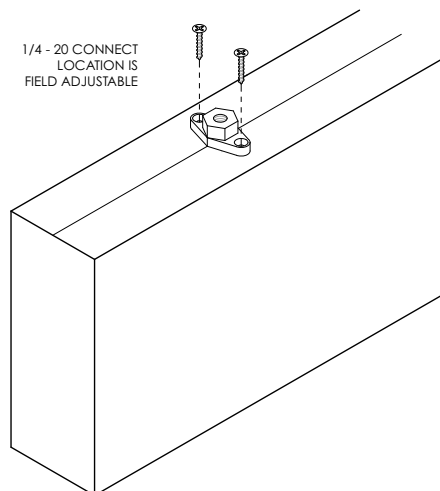
1/4" - 20 THREADED CONNECT

2 COUPLERS PER BAFFLE

FACTORY INSTALLED

CONNECT CAN DETACH AND BE RELOCATED IN FIELD

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



1/4" - 20 CONNECT INSTALLATION OPTIONS

HARDWARE CONTINUED

STRUTCLIP CONNECTION

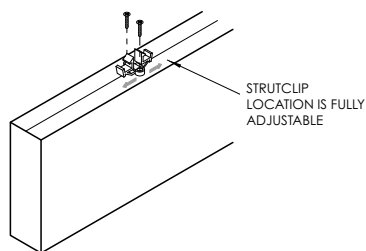
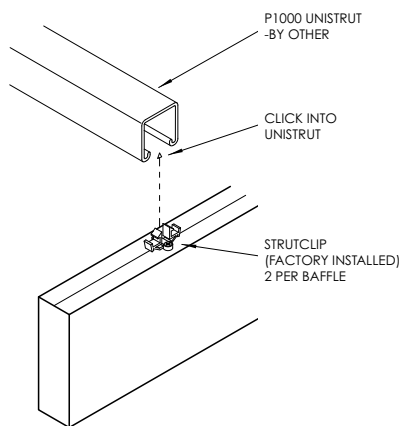
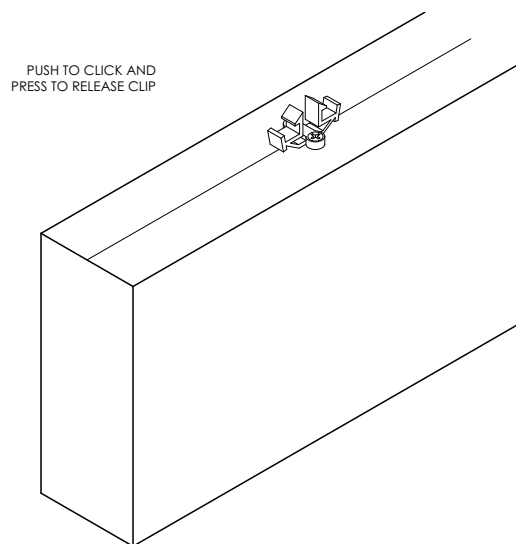
FOR UNISTRUT INSTALLATION ONLY

UNISTRUT PROVIDED BY OTHERS

2 STRUTCLIP HARDWARE PER BAFFLE

FACTORY INSTALLED

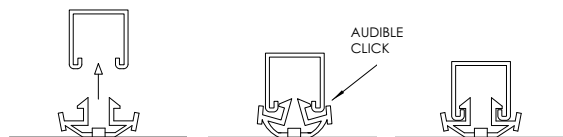
STRUTSNAP CAN DETACH AND BE RELOCATED IN FIELD



INSTALLATION

ENGAGE STRUTCLIP

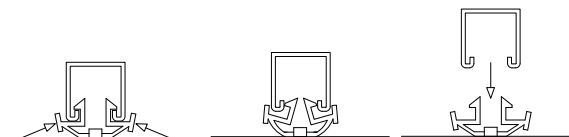
P1000 UNISTRUT BY OTHER



INSERT STRUTCLIP INTO UNISTRUT. YOU WILL HEAR AN AUDIBLE CLICK.

DISENGAGE STRUTCLIP

P1000 UNISTRUT BY OTHER



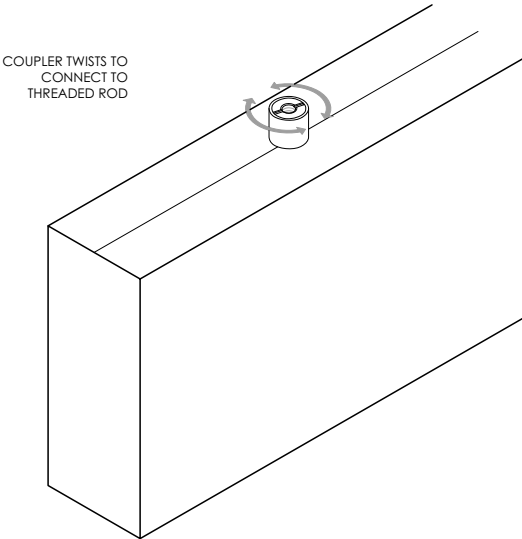
TO REMOVE, SQUEEZE TABS ON BOTH SIDES AND BAFFLE WILL DROP FROM UNISTRUT.

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

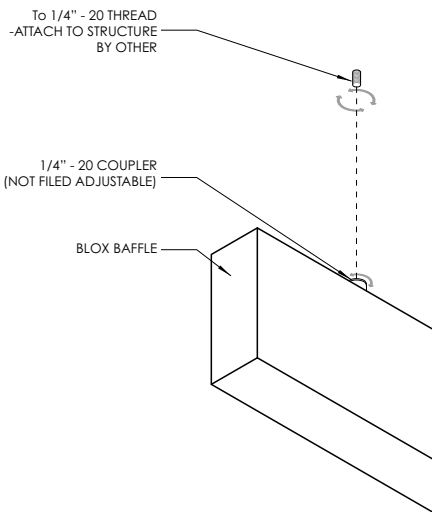
HARDWARE CONTINUED

COUPLER CONNECTION

THREADED ROD INSTALLATION
2 STRUTCLIP HARDWARE PER BAFFLE
FACTORY INSTALLED



INSTALLATION



ACOUSTICS

APPARENT NRC RATINGS

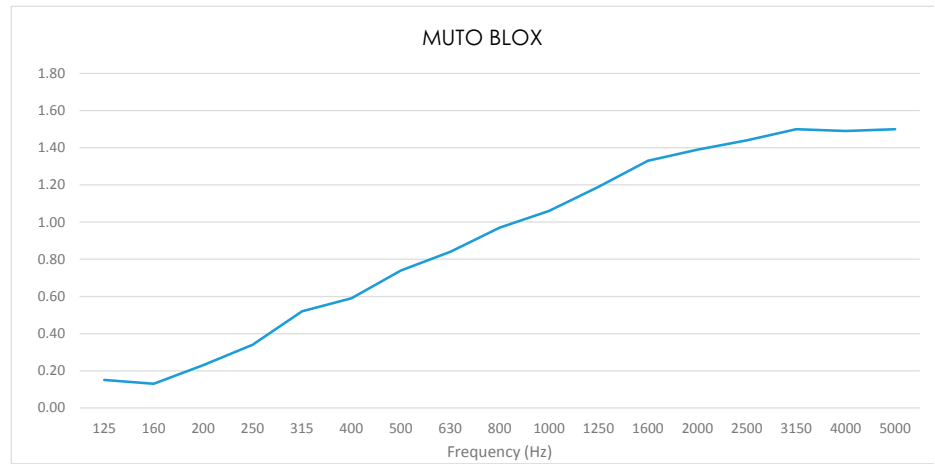
NRC values are typically used for flat surfaces of a given surface area, e.g. carpet or wall coverings. When rating hanging objects that are spread out, the 'Apparent NRC' is used.

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.

