

MUTO BLOX

acoustic ceiling solutions

 SOELBERG

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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.

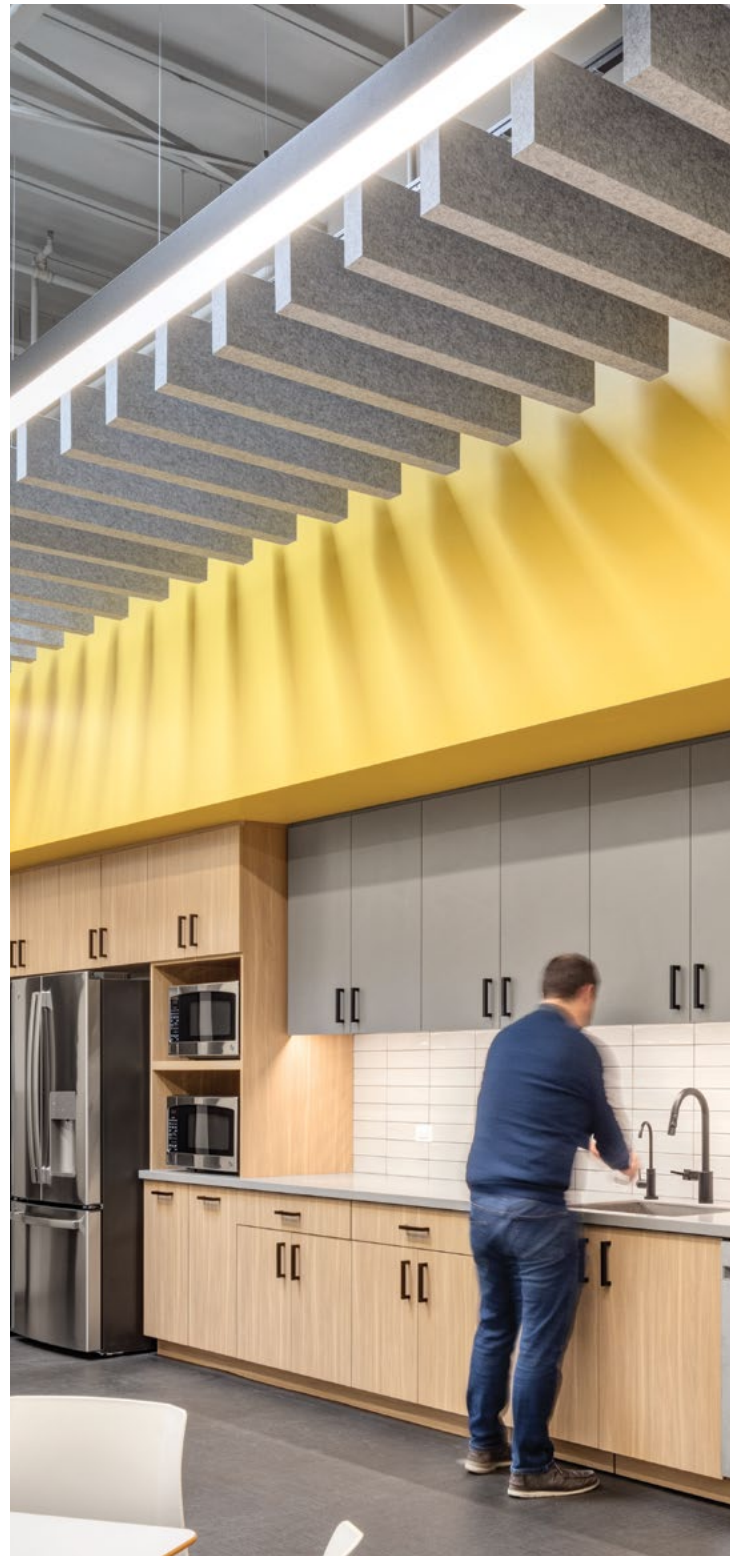
SPECIFICATION

CONTENT	100% POLYESTER (PET) FELT
CORE THICKNESS	1/2" (12MM)
BAFFLE THICKNESS	3" (NOMINAL)
COLOR	12 WOODED GRAINS OR 27 COLORS
SIZE	MIN LENGTH: 24" (NOMINAL) MAX LENGTH: 108" (NOMINAL) DEPTH: 4", 6" OR 8"
WEIGHT	1 LB SQUARE FOOT
HARDWARE	COUPLER OR STRUTSNAP
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

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

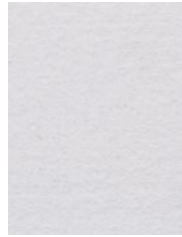


CHARRED OAK

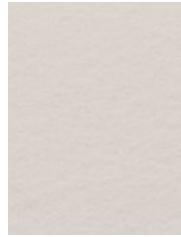
COLOR

MATTE COLOR

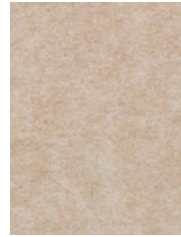
27 STANDARD COLORS
CUSTOM PRINT COLORS AVAILABLE
(CONTACT YOUR LOCAL SALES REP)
100% RECYCLABLE PET FELT



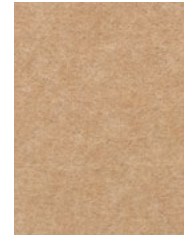
WHITE



BONE



OATMEAL



CAMEL



SAND

TOLERANCES

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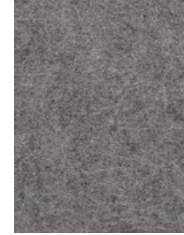
CASHMERE



FOG



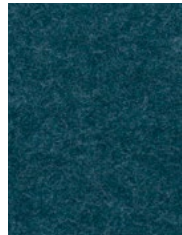
LAMB'S EAR



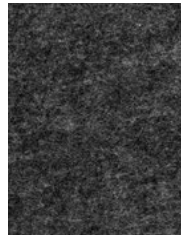
PEWTER



NORDIC KNIT



WINTER WATER



GRAPHITE



BLACK



MIDNIGHT



BLUEBERRY



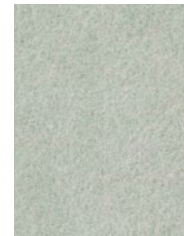
JUNIPER



SPLASH



STORM



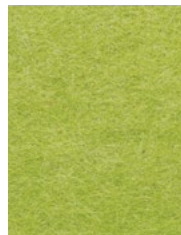
SEAFOAM



SAGE



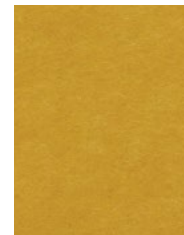
ARTICHOKE



LICHEN



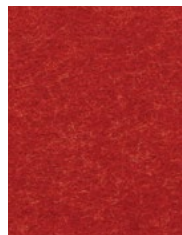
SUNSHINE



QUAKING ASPEN



CLEMENTINE



CHILI PEPPER



CURRANT

SIZE

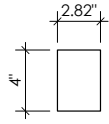
BLOX CEILING BAFFLE

BAFFLE THICKNESS: 3"

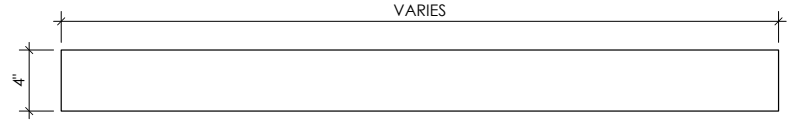
BAFFLE DEPTH: 4", 6" OR 8"

BAFFLE LENGTH: 24" - 108" (NOMINAL)

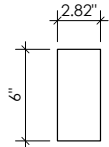
(CONTACT YOUR SOELBERG REPRESENTATIVE FOR DEPTHS GREATER THAN 8")



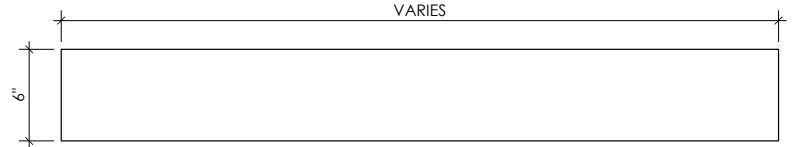
FRONT



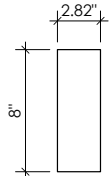
SIDE



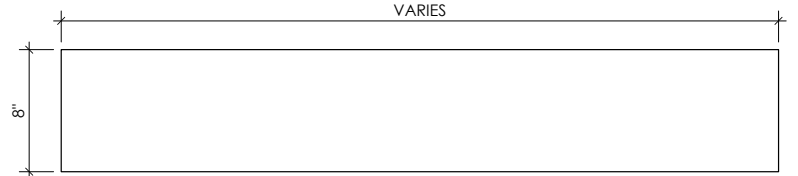
FRONT



SIDE



FRONT



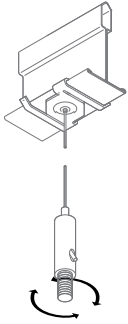
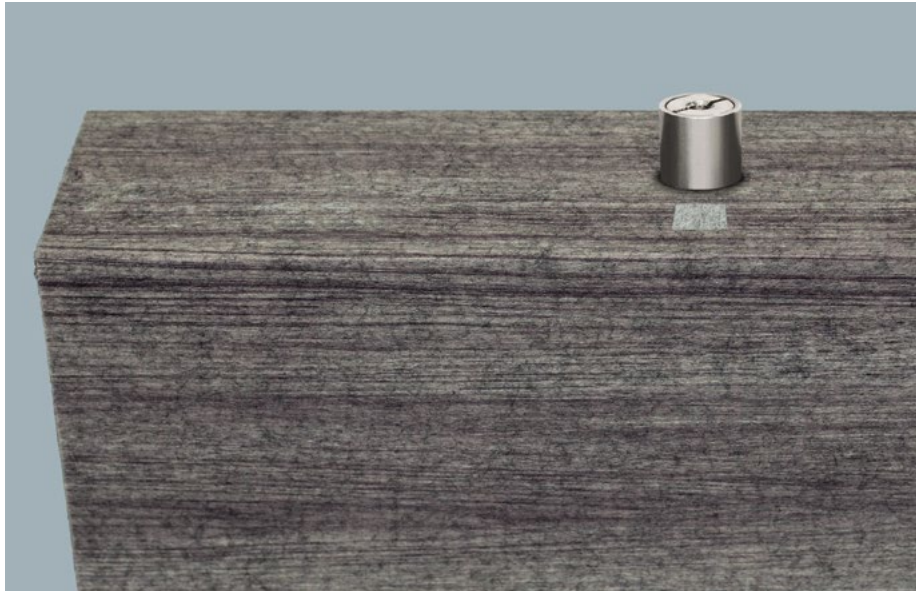
SIDE



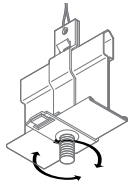
HARDWARE

COUPLER CONNECTION

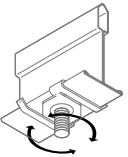
1/4" - 20 THREADED COUPLER
 2 COUPLERS PER BAFFLE
 FACTORY INSTALLED COUPLER
 COUPLER CAN ATTACH TO ANY 1/4" - 20 SYSTEM
 (SEE EXAMPLES BELOW)



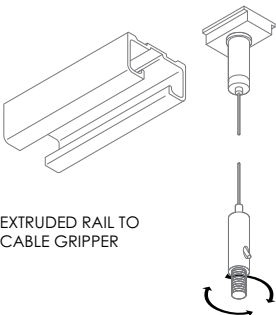
T-GRID TO
 CABLE GRIPPER
 WITH 1/4"-20



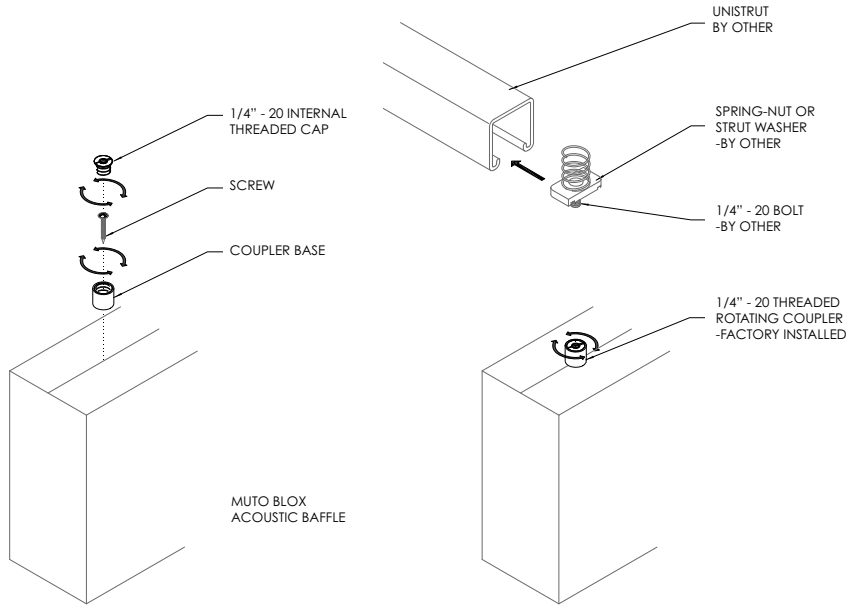
SUSPENDED T-GRID
 CLAMP WITH
 1/4"-20 BOLT



T-GRID CLAMP WITH
 1/4"-20 BOLT

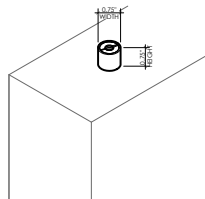


EXTRUDED RAIL TO
 CABLE GRIPPER

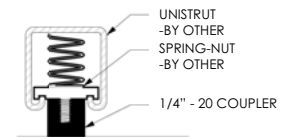


COUPLER

INSTALLATION



COUPLER DIMENSION

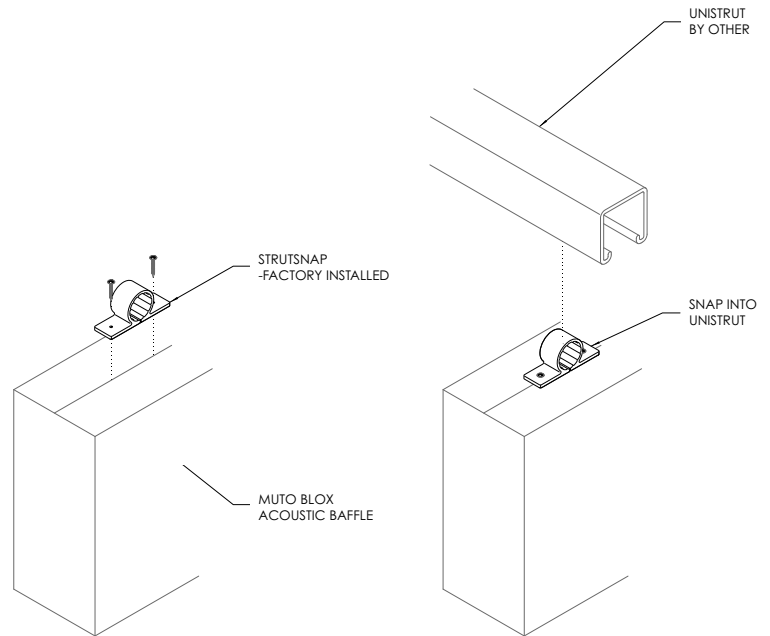


DETAIL: INSTALLATION

HARDWARE CONTINUED

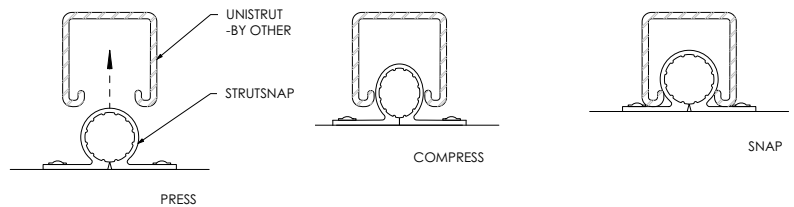
STRUTSNAP CONNECTION

FOR UNISTRUT INSTALLATION
UNISTRUT PROVIDED BY OTHERS
2 STRUTSNAP PER BAFFLE
FACTORY INSTALLED STRUTSNAP
STRUTSNAP CAN DETACH AND BE RELOCATED IN FIELD



STRUTSNAP

INSTALLATION



DETAIL: INSTALLATION

ACOUSTICS

APPARENT NRC RATINGS

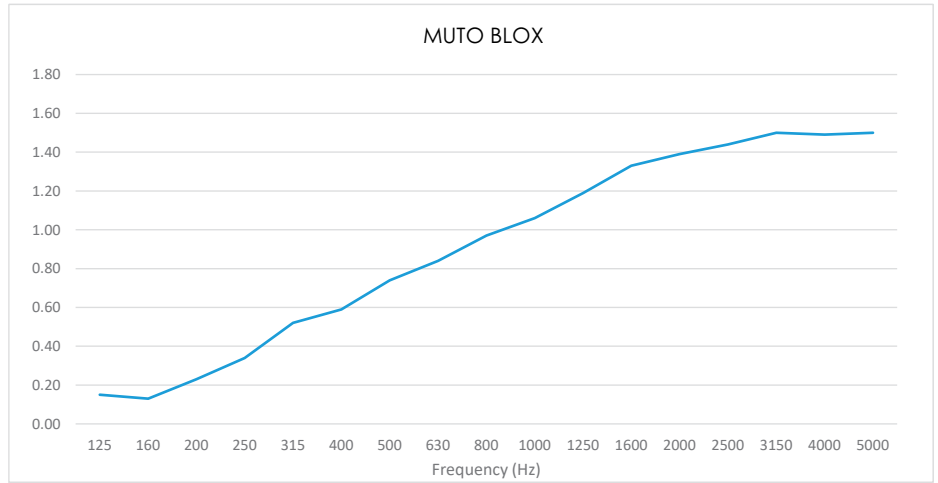
NRC values are typically used for flat surfaces of a given surface area, e.g. carpet or wall coverings. When rating hanging objects that are spread out, the 'Apparent NRC' is used.

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	α	SAMPLE FREQUENCY (Hz)				NRC	SAA
			250	500	1000	2000		
BLOX	J ₁		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.

