

# TECTUM® Blades and Baffles

Vertical Linear Panels – Custom  
coarse texture

CAD/Revit® drawings at:  
[armstrongceilings.com/cadrevit](http://armstrongceilings.com/cadrevit)



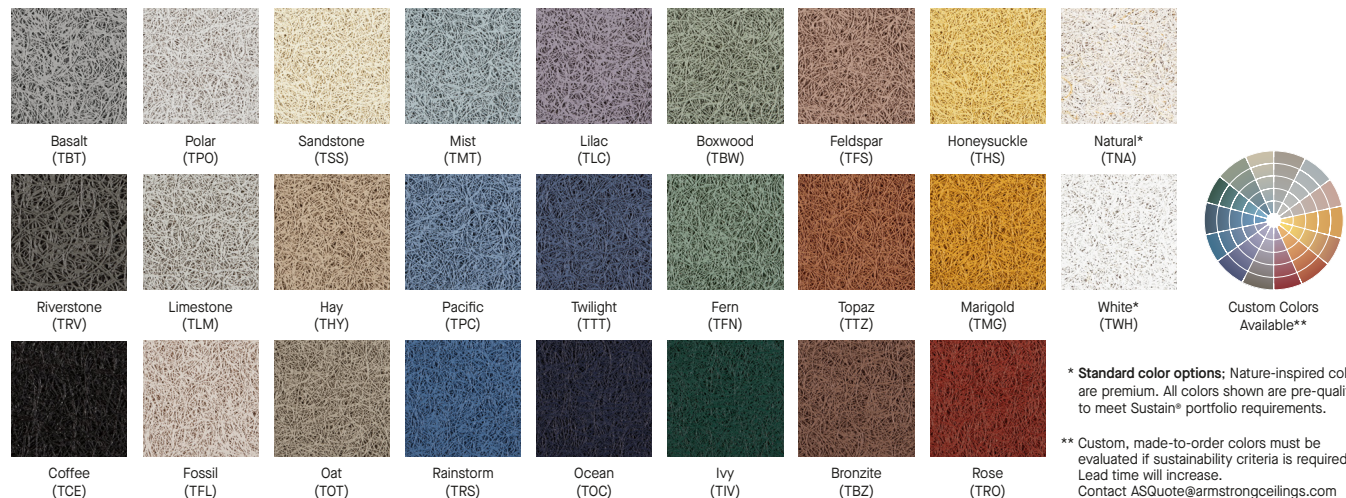
Tectum® Blades custom vertical panels

Acoustical vertical panels help control reverberation and add a design element to your interior spaces.

## KEY SELECTION ATTRIBUTES

- Tectum Blades and Baffles are available in 1", 1-1/2", and 2" thicknesses; heights from 18" to 48" and lengths from 6" to 108" (nominal sizes)
- CleanAssure™ family of products – includes disinfectable panels, suspension systems, and trim (standard colors only)
- 18 to 14 gauge steel channel up to 9' long is available for 1", 1-1/2", and 2" blades to allow groupings of blades and/or channels that create linear visuals longer than 48"
- Mold- and mildew-resistant surface
- PVC insert is available on 1", 1-1/2", and 2" thick blades and baffles for attachment to aircraft cables or hanger wire
- USDA-Certified Biobased Product 98% (preferred for government projects)
- Made in the U.S.A. of domestic and global content
- Build America, Buy America (BABA) Act compliant

**COLORS** Due to printing limitations, shade may vary from actual product.



\* Standard color options; Nature-inspired colors are premium. All colors shown are pre-qualified to meet Sustain® portfolio requirements.

\*\* Custom, made-to-order colors must be evaluated if sustainability criteria is required. Lead time will increase. Contact [ASQuote@armstrongceilings.com](mailto:ASQuote@armstrongceilings.com)

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Declare.

LEED V5

COMMON MATERIALS FRAMEWORK		Climate Health	EPD
Human Health	Declare Label	Ecosystem Health	EPD
	HPD		FSC®
	3rd Party CDPH	Circular Economy	✓
OCCUPANT EXPERIENCE		Acoustics	✓

## VISUAL SELECTION

	Panel Thickness	Dimensions W x L x D (Inches)	Colors
TECTUM® Blades and Baffles	1"	11-3/4 x 48 x 1"	TNA, TWH, Custom
	1"	23-3/4 x 48 x 1"	TNA, TWH, Custom
	1-1/2"	11-3/4 x 48 x 1-1/2"	TNA, TWH, Custom
	1-1/2"	23-3/4 x 48 x 1-1/2"	TNA, TWH, Custom
	2"	11-3/4 x 48 x 2"	TNA, TWH, Custom
	2"	23-3/4 x 48 x 2"	TNA, TWH, Custom

\* Scratch-resistance is applicable to Natural and White panels only.  
For special sizes and colors, contact ASQuote@armstrongceilings.com.

## PERFORMANCE SELECTION

Dots represent high level of performance.

Fire Rating	Light Reflect	Anti-Mold/Mildew	Humi-Guard+	Sag Resist	Certified Low VOC Emissions	CleanAssure™ Disinfectable Panels	DURABILITY	30-Yr Warranty
Class A	Up to 0.75	*	*	*	*	Fog	Impact	Scratch*
Class A	Up to 0.75	*	*	*	*	*	*	*
Class A	Up to 0.75	*	*	*	*	*	*	*
Class A	Up to 0.75	*	*	*	*	*	*	*
Class A	Up to 0.75	*	*	*	*	*	*	*
Class A	Up to 0.75	*	*	*	*	*	*	*

## ACOUSTICAL INFORMATION

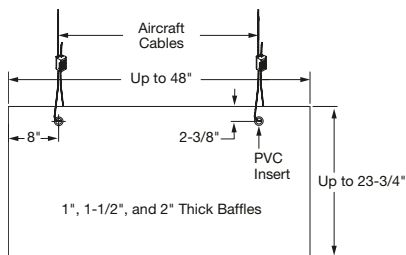
Panel Thickness	Sound Absorption (Sabins/SF)
1"	0.40
1-1/2"	0.50
2"	0.60



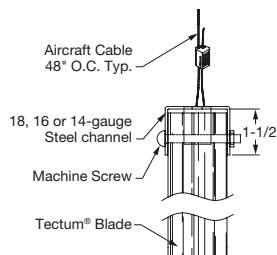
Tectum® Blades and Baffles custom panels installed with custom steel mounting channel

## DETAILS

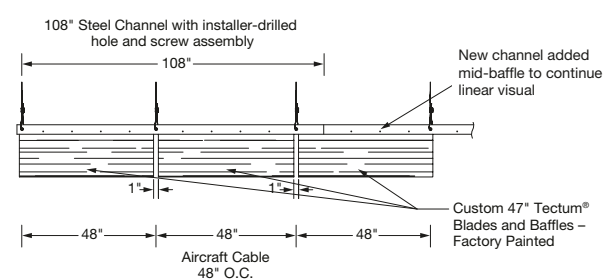
Tectum® Blades and Baffles with PVC Insert



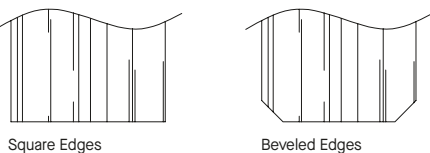
Tectum® Blades and Baffles with Steel Channel



Installed Tectum® Blades and Baffles with Steel Channel



## EDGE DETAILS



## PHYSICAL DATA

**Material**  
FSC® Certified (FSC® C007626)  
Cementitious Wood Fiber; FSC® certified. For more information about FSC® certified fire-retardant products, or to view our FSC® certification letter, contact TechLine at 877 276-7876.

**Surface Finish**  
Factory-applied latex paint with Silicate surface coating for abuse resistance. Natural is unpainted.

**Fire Performance**  
Class A per IBC. Flame Spread Index 25 or less and Smoke Developed Index 50 or less when tested in accordance with ASTM E84.

CAN/ULC S102 surface burning characteristics. Flame Spread Index of 25 or less and Smoke Developed Index of 50 or less.

**VOC Emissions**  
Third-party certified compliant with California Department of Public Health CDPH/EHLB/Standard Method Version 1.2, 2017. This standard is the guideline for low emissions in LEED®, WELL Building Standard®, CalGreen Title 24, ANSI/ASHRAE/USGBC/IES Standard 189; ANSI/GBI Green Building Assessment Protocol.

**Humidity/Sag Resistance**  
HumiGuard® Plus performance panels are recommended for areas subject to high humidity, up to, but not including, standing water and outdoor applications.

**Anti-Mold/Mildew**  
Ceiling tiles with BioBlock® performance resist the growth of mold and mildew on the tile surface.

**Installation Considerations**  
Use caution and wear appropriate hand, eye, and dust mask protection when cutting and installing Tectum® panels. All hanging components must be ordered separately.

**Primary (Embodied) Energy**  
See all LCA information on our EPDs.

**Application Considerations**  
Color variation among panels is common due to the natural characteristics of the wood.

Wood fibers may appear orange on Natural colored panels due to the characteristics of the wood.

Low angle lighting exaggerates variation inherent to the manufacturing process and is not recommended for Tectum installations.

**Design Considerations**  
Panels maintain a natural bow that may be noticeable when installed.

Steel Channel installation method recommended for linear runs of panels. PVC Insert installation method recommended for independently hanging panels.

Tectum® Blades and Baffles are directional – face finish and back finish will exhibit a different appearance due to application of the binder during manufacturing. Factory painted finishes may exhibit slight differences in finish face to back. 360 degree factory or field painted finishes are recommended.

**Design & Pre-Construction Service**  
For complimentary design and pre-construction assistance, contact ProjectWorks® or visit [armstrongceilings.com/projectworks](http://armstrongceilings.com/projectworks)

**Cleaning and Disinfecting**  
Cleaning and CDC-approved disinfecting options available on [armstrongceilings.com/cleaning](http://armstrongceilings.com/cleaning)

**Warranty**  
30-Year Warranty. Details at [armstrongceilings.com/warranty](http://armstrongceilings.com/warranty)

**Weight**  
1" – 1.65 lbs/SF  
1-1/2" – 2.53 lbs/SF  
2" – 3.33 lbs/SF