TECTUM® Blades and Baffles

Vertical Linear Panels – Custom

coarse texture



CAD/Revit® drawings at:
armstrong.com/cadrevit

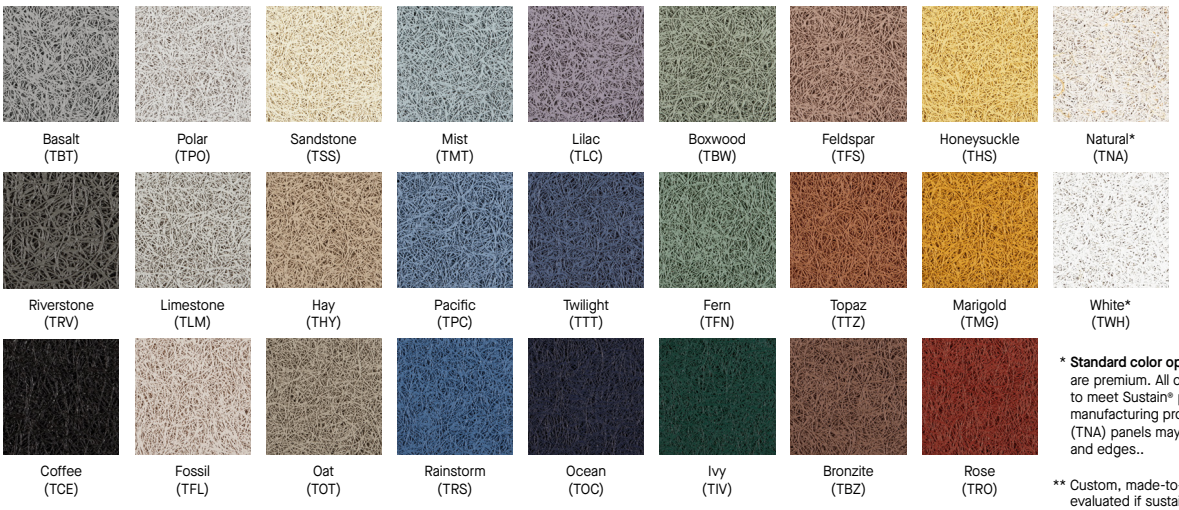
Tectum® Blades custom vertical panels

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. Due to manufacturing processes, the face of Natural (TNA) panels may appear whiter than the back and edges..

** Custom, made-to-order colors must be evaluated if sustainability criteria is required. Lead time will increase.
Contact ASQuote@armstrong.com

TechLine 877 276-7876
armstrong.com/tectumbaffles

Armstrong® World Industries

TECTUM® Blades and Baffles

Vertical Linear Panels – Custom coarse texture

USDA CERTIFIED BIOBASED PRODUCT
PRODUCT 95%

FSC www.fsc.org FSC® C007626 The mark of responsible forestry

SUSTAIN® High Performance Sustainable Ceiling Systems

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

PERFORMANCE SELECTION

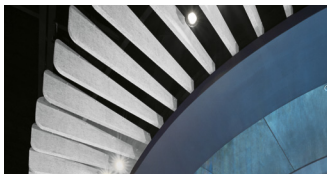
Dots represent high level of performance.

	Panel Thickness	Dimensions W × L × D (Inches)	Colors	Fire Rating	Light Reflect (White only)	Bio-Block Anti-Mold/ Mildew	Humi-Guard+ Sag Resist	Certified Low VOC Emissions	CleanAssure™ Disinfectable Panels Fog	DURABILITY Impact	DURABILITY Scratch*	30-Yr Warranty
TECTUM® Blades and Baffles	1"	11-3/4 × 48 × 1"	TNA, TWH, Custom	Class A	Up to 0.75	•	•	•	•	•	•	•
	1"	23-3/4 × 48 × 1"	TNA, TWH, Custom	Class A	Up to 0.75	•	•	•	•	•	•	•
	1-1/2"	11-3/4 × 48 × 1-1/2"	TNA, TWH, Custom	Class A	Up to 0.75	•	•	•	•	•	•	•
	1-1/2"	23-3/4 × 48 × 1-1/2"	TNA, TWH, Custom	Class A	Up to 0.75	•	•	•	•	•	•	•
	2"	11-3/4 × 48 × 2"	TNA, TWH, Custom	Class A	Up to 0.75	•	•	•	•	•	•	•
	2"	23-3/4 × 48 × 2"	TNA, TWH, Custom	Class A	Up to 0.75	•	•	•	•	•	•	•

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

ACOUSTICAL INFORMATION

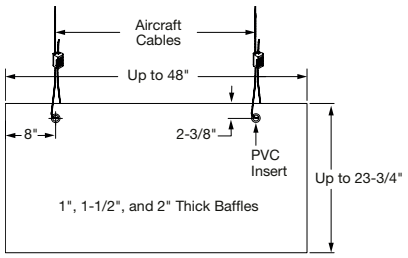
Panel Thickness	Sound Absorption (Sabins/SF)
1"	0.40
1-1/2"	0.50
2"	0.60



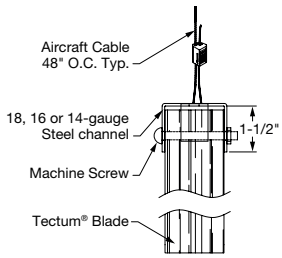
Tectum® Blades and Baffles custom panels installed with custom steel mounting channel

DETAILS

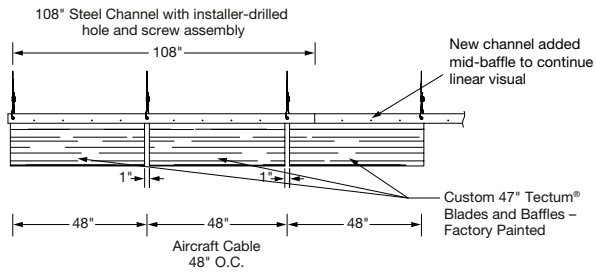
Tectum® Blades and Baffles with PVC Insert



Tectum® Blades and Baffles with Steel Channel



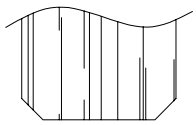
Installed Tectum® Blades and Baffles with Steel Channel



EDGE DETAILS



Square Edges



Beveled Edges

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 armstrong.com/projectworks

Cleaning and Disinfecting
Cleaning and CDC-approved disinfecting options available on armstrong.com/cleaning

Warranty
30-Year Warranty. Details at armstrong.com/warranty

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

TechLine / 877 276-7876
armstrong.com/tectumblades

BPCS-5632-526

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