

# TECTUM® Blades™ and Baffles

## Custom Vertical Linear Panels

coarse texture



plus capabilities  
to do more

armstrongceilings.com/capabilities  
See more photos at:  
armstrongceilings.com/photogallery

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

### KEY SELECTION ATTRIBUTES



- Tectum® panels are Living Product Imperative Certified by the International Living Future Institute – 1" panels in White and Natural only
- 14 gauge steel channel available to group individual blades and baffles together to achieve a linear visual beyond 48" in length – available in lengths from 24" to 144" in 12" increments
- Tectum Blades™ and Baffles are available in 1", 1-1/2", and 2" thicknesses; widths from 23-3/4" to 48" and heights from 11-3/4" to 23-3/4"
- Blades™ and Baffles come standard with 2 PVC inserts for attachment to aircraft cables or hanger wire

### TYPICAL APPLICATIONS

- Gymnasiums
- Auditoriums
- Multi-purpose Spaces
- Exposed Structures
- Acoustical Retrofits
- Education Spaces

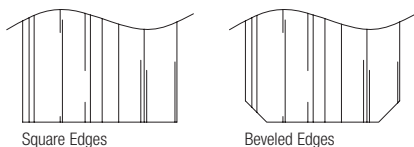
### COLORS

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



\* 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.

### EDGE DETAILS



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Declare™  
Third Party Verified  
Living Product  
Imperative  
Certified



For LEED contribution visit  
armstrongceilings.com/greengenie



### VISUAL SELECTION

Panel Thickness	Dimensions H x W x D (Inches)	Colors
<b>TECTUM® Blades™ and Baffles</b>		
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

TNA = Natural (unpainted), TWH = White  
For special sizes, and colors, call TechLine at 1 877 276-7876.

### PERFORMANCE SELECTION

LOCATION DEPENDENT  
Dots represent high level of performance.

Fire Rating	Light Reflect	Mold & Mildew Protection	Sag Resist	Certified Low VOC Emissions	Impact	Scratch	30-Yr Warranty
Class A	(White Only) Up to 0.75	BioBlock	Humi-Guard+				
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

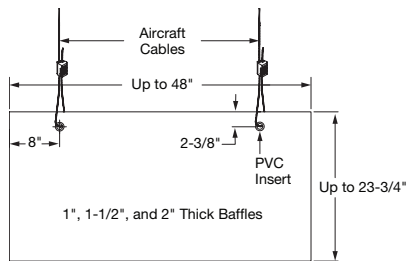
Panel Thickness	Acoustics Suspended Sabins/SF
1"	0.40
1-1/2"	0.55
2"	0.60



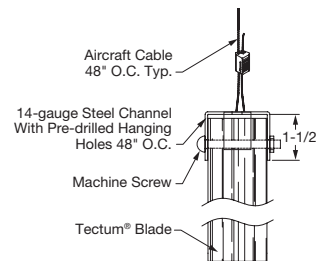
Tectum® Blades™ and Baffles custom panels installed with custom steel mounting channel

### DETAILS

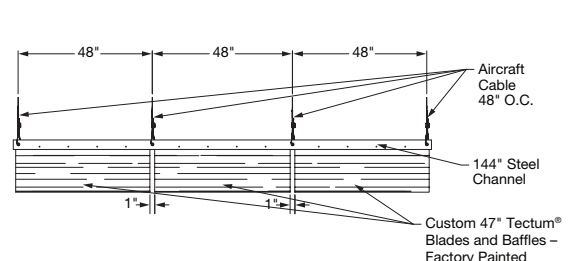
#### Tectum® Blades™ and Baffles with PVC Insert



#### Tectum® Blades™ and Baffles with Steel Channel



#### Tectum® Blades™ and Baffles with Steel Channel



### PHYSICAL DATA

**Material**  
FSC® Certified  
Cementitious Wood Fiber; FSC®-certified (COC-003601). For more information about FSC®-certified fire-retardant products, or to view our FSC®-certification letter, contact TechLine at 1 877 276-7876.

**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 1.1, 2010. This standard is the guideline for low

emissions in LEED®, CalGreen Title 24, ANSI/ASHRAE/USGBC/ES Standard 189; ANSI/GBI Green Building Assessment Protocol.  
Tectum® panels (applies to 1" thick panels only) meet CDPH guidelines in enclosed office at 50% wall coverage. View certificate details at [armstrongceilings.com/tectum](http://armstrongceilings.com/tectum).

**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.

**Mold/Mildew Protection**  
Ceiling panels with BioBlock® performance resist the growth of mold and mildew.

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

**Design Considerations**  
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 Support**  
Project management assistance is available by calling TechLine at 1 877 276-7876.

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

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

TechLine / 1 877 276-7876  
[armstrongceilings.com/tectum](http://armstrongceilings.com/tectum)

BPCS-5632-619

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EXPOSED STRUCTURE – BLADES™ & BAFFLES