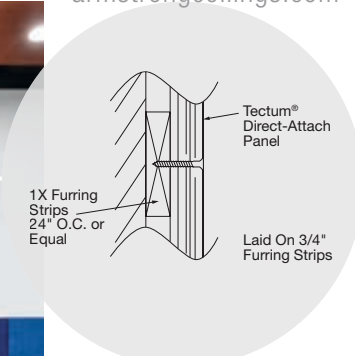


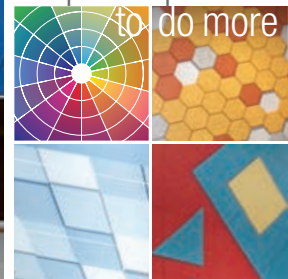
TECTUM®
Direct-Attach
Standard Wall Panels
coarse texture



CAD/Revit® drawings at:
armstrongceilings.com



plus capabilities
to do more





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

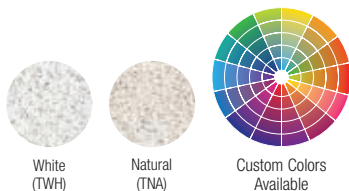
▲ Tectum® Direct-Attach wall panels in White

Tectum® Direct-Attach wall panels provide durable, sustainable, acoustical options for a wide variety of applications.

KEY SELECTION ATTRIBUTES

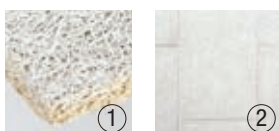
-  Tectum® Direct-Attach now has UL® Certified acoustics with acoustical testing and reporting that align with industry-wide best practices
-  Tectum panels are Living Product Imperative Certified by the International Living Future Institute – 1" panels in White and Natural only
- Tectum panels are part of the Sustain® portfolio and meet the most stringent sustainability compliance standards today – 1" panels in White and Natural only
- Long edges beveled, short edges beveled available as a standard option
- Great retrofit solution for noise reduction
- Excellent sound absorption – NRC up to 0.85 (1" panel, C-40 Mounting)
- Can be field painted up to 6 times without impacting acoustic or fire performance
- Variety of made-to-order color options available
- Can be mechanically fastened to a wide variety of surfaces including masonry and drywall
- USDA Biobased Content: 98%

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



NOTE: Made-to-order, custom color panels, and any panels greater than 1" thick are not included in Sustain® portfolio.

DETAILS



1. Tectum® Direct-Attach Panel in White
 2. Tectum® Direct-Attach Panels in White
- Note: Standard panel edges are unfinished. Painted panel edges available through special order. Custom color panel edges are fully painted.

TECTUM® Direct-Attach

Standard Wall Panels
coarse texture



Declare.



For LEED contribution visit
armstrongceilings.com/greengenie

energy management	construction waste mgmt	regional materials	design for flexibility	EPD	recyclable/extended producer resp.	biobased materials	FSC® (for wood)	recycled content	sourcing of raw materials	material ingredient reporting	low emitting materials	lighting quality	acoustics
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VISUAL SELECTION

	Item No. ♦	Dimensions Nominal W x L x H (Inches)	
TECTUM® Direct-Attach Wall Panels (FSC® Certified)	8182T10_ _ _	23-3/4 x 48 x 1"	
Long Edges Beveled/ Short Edges Square	8181T10_ _ _	23-3/4 x 96 x 1"	
Long Edges Beveled/ Short Edges Beveled*	8180T10_ _ _	47-3/4 x 96 x 1"	
	8175T10_ _ _	23-3/4 x 48 x 1"	
	8174T10_ _ _	23-3/4 x 96 x 1"	
	8173T10_ _ _	47-3/4 x 96 x 1"	
Other Size Panels		W 23-3/4" – 48" L: 12" – 144" 1", 1-1/2", or 2" thickness	

FAST
1 WEEK
order to ship

Made-to-order items ready to ship from manufacturer to shipping location in 1 week or less. For more information visit armstrongceilings.com/fast134.

♦ When specifying or ordering, include the appropriate 3-digit color suffix TNA = Natural; TWH = White (e.g. 8182T10 I W H)
* NOTE: Four-sided beveled edge panels are recommended in adjoining panel installations.

PERFORMANCE

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	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	•	•	•	•	•	•
Class A	Up to 0.75	•	•	•	•	•	•
Class A	Up to 0.75	•	•	•	•	•	•

ACOUSTICAL INFORMATION

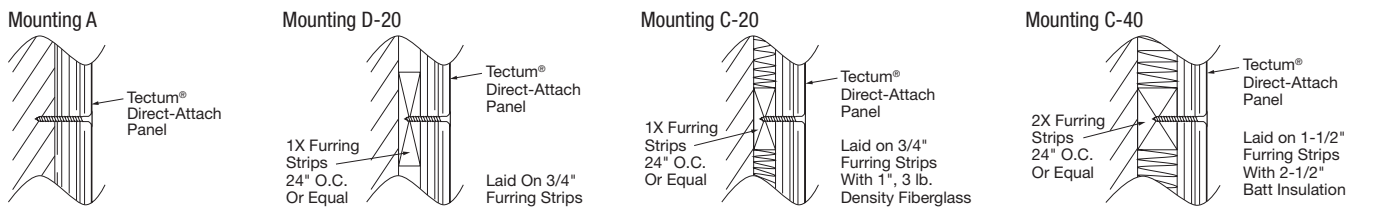
Panel Thickness	UL Classified Acoustics NRC	Mounting Methods
1"	0.40	A
	0.45	D-20
	0.80	C-20
	0.85	C-40
1-1/2"	0.55	A
	0.60	D-20
	0.90	C-20
	0.95	C-40
2"	0.60	A
	0.70	D-20
	0.95	C-20
	1.00	C-40

ACCESSORIES

Item No. ♦	Description	Quantity
8187L16_ _ _	#6 x1-5/8" Painted Head – Sharp point Screws	1000/ctn
8188L16_ _ _	#6 x1-5/8" Painted Head – Drill point Screws	1000/ctn
8189L22_ _ _	2-1/4" Painted Head – CMU Screws	500/ctn

♦ When specifying or ordering, include the appropriate 3-digit color suffix TNA = Natural; TWH = White (e.g. 8187L16 I W H) Consult installation instructions for fastener guidance.
NOTE: Projects may require alternative screw lengths and types depending on site conditions. Please consult installation instructions for guidance.

ACOUSTICAL MOUNTING METHODS



PHYSICAL DATA

Material
Cementitious Wood Fiber; FSC® certified. 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. Flame Spread Index 25 or less and Smoke Developed Index 50 or less when tested in accordance with ASTM E84.

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™, Living Building Challenge® (LBC), 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
Panels must be mechanically attached to approved substrate per installation instructions. To achieve proper finished visual panels should be installed in an ashlar pattern. Four-sided beveled edge panels are recommended in adjoining panel installations.

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
For walls that may experience condensation or moisture, such as uninsulated exterior walls, D- or C- mounting is required to create a gap between the structure and the panel.

Seismic Restraint
Tectum® Direct-Attach panels are approved for application in all seismic areas when installed per the seismic guidelines in the Armstrong Ceilings & Walls Installation Instructions.

Warranty
30-Year Warranty. Details at armstrongceilings.com

Weight, Pcs and SF/Pallet
1" – 1.65 lbs/SF
1-1/2" – 2.53 lbs/SF
2" – 3.3 lbs/SF
8180T10 – 36 pcs/pallet; 1,152 SF/pallet
8181T10 – 72 pcs/pallet; 1,152 SF/pallet
8182T10 – 72 pcs/pallet; 572 SF/pallet
8173T10 – 36 pcs/pallet; 1,152 SF/pallet
8174T10 – 72 pcs/pallet; 1,152 SF/pallet
8175T10 – 72 pcs/pallet; 572 SF/pallet

