TECTUM® Direct-Attach
TECTUM Direct-Attach High NRC

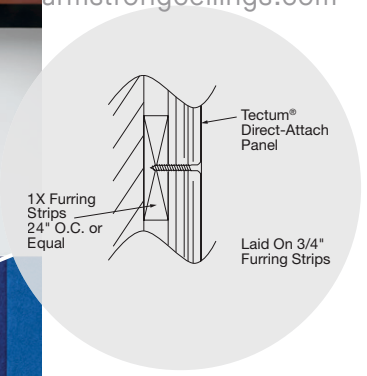
Acoustical Wall Panels
coarse texture

SUSTAIN®
High Performance Sustainable Ceiling Systems

FAST 4 WEEKS or Less
FAST134
Select Items Ship Fast
armstrongceilings.com/fast134

Tectum Direct-Attach wall panels in custom colors

CAD/Revit® drawings at:
armstrongceilings.com



TECTUM® CREATE!™
CUSTOM CEILINGS AND WALLS

armstrongceilings.com/tectumcreate

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

KEY SELECTION ATTRIBUTES

- new · Tectum® Direct-Attach panels now have UL® Certified acoustics with acoustical testing and reporting that align with industry-wide best practices
- new · Tectum Direct-Attach High NRC panels have a proprietary, factory-applied acoustical backer, adding sound absorption that is certified by UL
- CleanAssure™ family of products – includes disinfectable panels, suspension systems, and trim (standard colors only)
- new · Now print imagery or patterns on 1" thick 23-3/4" X 48" and 47-3/4" X 96" Tectum® Create!™ custom wall panels to bring beauty to interiors
- new · Select products included in the FAST134 program – ready to ship in 4 weeks or less
- new · Sustainable Beyond Standard: Custom sizes in 1" thickness and all standard panels are part of the Sustain® portfolio and meet the most stringent industry sustainability compliance standards today
- Long and short beveled edges are 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.

White (TWH)

Natural (TNA)

Custom Colors Available*

* For Tectum Direct-Attach only. 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
3. Tectum Direct-Attach High NRC proprietary acoustical backer

TechLine 877 276-7876
armstrongceilings.com/tectum

Armstrong® World Industries

TECTUM® Direct-Attach
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USDA CERTIFIED BIOBASED PRODUCT
PRODUCT 98%

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

SUSTAIN® High Performance Sustainable Ceiling Systems

Declare.

LEED® WELL™ | LBC

For LEED contribution contact TechLine

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
		✓		✓			✓		✓	✓	✓		✓

▲ LOCATION DEPENDENT

VISUAL SELECTION

PERFORMANCE

Dots represent high level of performance.

	Item No. ◆	Dimensions W x L x H (Inches)	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® Direct-Attach Wall Panels (FSC® certified)	8182T10_ _ _	23-3/4 × 48 × 1"	Class A	Up to 0.75	•	•	•	•	•	•	•
Long Edges Beveled/ Short Edges Square	8181T10_ _ _	23-3/4 × 96 x 1"	Class A	Up to 0.75	•	•	•	•	•	•	•
	8180T10_ _ _	47-3/4 × 96 × 1"	Class A	Up to 0.75	•	•	•	•	•	•	•
Long Edges Beveled/ Short Edges Beveled*	8175T10_ _ _	23-3/4 × 48 × 1"	Class A	Up to 0.75	•	•	•	•	•	•	•
	8174T10_ _ _	23-3/4 × 96 × 1"	Class A	Up to 0.75	•	•	•	•	•	•	•
	8173T10_ _ _	47-3/4 × 96 × 1"	Class A	Up to 0.75	•	•	•	•	•	•	•
	Other Size Panels	W 23-3/4" – 48" L: 12" – 144" 1", 1-1/2", or 2" thickness	Class A	Up to 0.75	N/A	N/A	N/A	•	•	•	•
new TECTUM Direct-Attach High NRC Wall Panels (FSC-certified)	5338W2L04T10_ _ _	23-3/4 × 48 x 1"	Class A	Up to 0.75	•	•	•	•	•	•	•
Long Edges Beveled/ Short Edges Square	5338W4L04T10_ _ _	47-3/4 × 48 × 1"	Class A	Up to 0.75	•	•	•	•	•	•	•
	5338W2L08T10_ _ _	23-3/4 × 96 × 1"	Class A	Up to 0.75	•	•	•	•	•	•	•
	5338W4L08T10_ _ _	47-3/4 × 96 × 1"	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" High NRC	0.60	D-20
1-1/2"	0.50	A
	0.55	D-20
	0.90 •	C-20
	0.90 •	C-40
2"	0.65	A
	0.70	D-20
	0.95 •	C-20
	1.00 •	C-40

FAST 4 WEEKS or Less

FAST134 program items ready to ship from manufacturer in 4 weeks or less.
Up-to-date lead times and product options (sizes and colors) at armstrongceilings.com/fast134

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

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LEED® v4 | WELL™ | LBC

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		✓		✓			✓		✓	✓	✓		✓

▲ LOCATION DEPENDENT

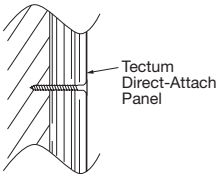
ACCESSORIES

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

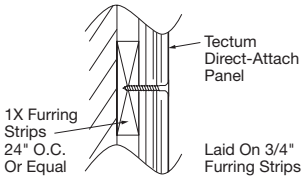
◆ When specifying or ordering, include the appropriate 3-digit color suffix TNA = Natural; TWH = White (e.g. 8187L16 T W H) Consult installation instructions for fastener guidance.
NOTE: Projects may require alternative screw lengths and types depending on site conditions. Please consult installation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

ACOUSTICAL MOUNTING METHODS

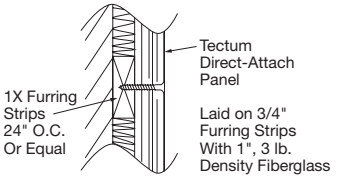
Mounting A



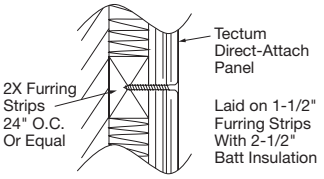
Mounting D-20



Mounting C-20



Mounting C-40



PARTITIONS & WALLS

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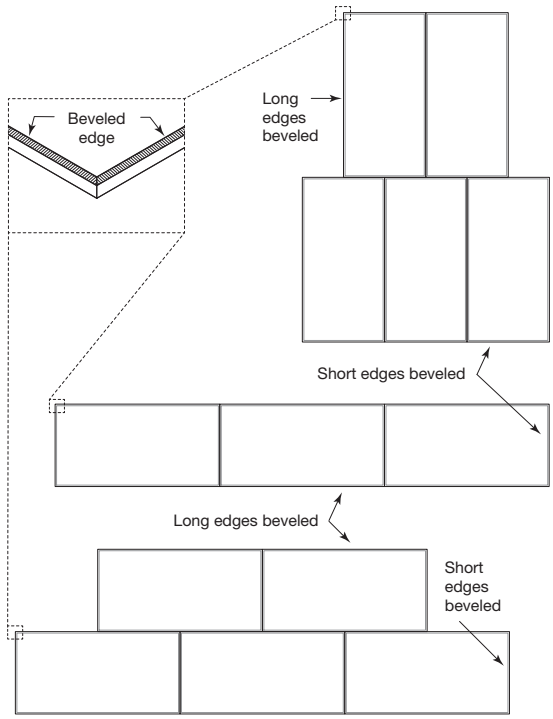
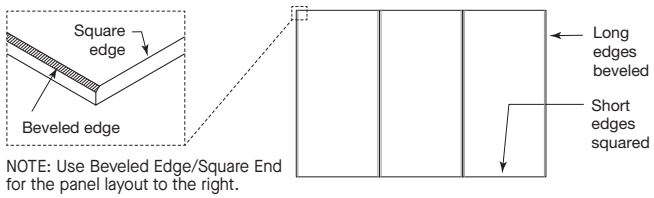
		✓		✓			✓		✓	✓	✓		✓

▲ LOCATION DEPENDENT

EDGE DETAIL



NOTE: Use Beveled Edge/Beveled End panels for all adjoining panel installations.



NOTE: Use Beveled Edge/Square End for the panel layout to the right.

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.

Tectum High NRC panels have an acoustical fleece.

Surface Finish
Factory-applied latex paint on abuse-resistant silicate surface coating. Natural finish is unpainted, but after the coating is applied, panels may appear light in color.

Panels are painted on the edge, however due to fibrous texture of panels, certain angles and lighting conditions will make edge appear less or more painted.

Can be field painted up to 6 times without impacting acoustic or fire performance. See installation instructions for details on paint and application method.

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™, 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 panels with BioBlock® performance resist the growth of mold and mildew on the panel 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.

Use caution and wear appropriate hand, eye, and dust mask protection when cutting and installing Tectum panels. Refer to installation instructions for complete details and cutting recommendations.

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.

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

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

FAST134 Program Considerations
Size of Job Matters: Big jobs over 2500 SF, or 50 pieces for shapes/vertical elements, will have longer lead times.

Location Matters: Transit time not included. We are ready to ship in 1 week on FAST1 items. However, transit to the states west of Wyoming may add time.

Distributor Truck Schedule Matters: We rely on distribution to help move products around the country. When speed matters, work with your local distributor to ensure FAST134 service.

Stock vs Made-to-Order Matters: FAST3 & FAST4 items are made-to-order and will ship direct to distributor. FAST1 (stocked items) will go through distribution and depend on distributor truck schedules.

Weight, Pcs and SF/Pallet
1" – 1.65 lbs/SF 1-1/2" – 2.53 lbs/SF
2" – 3.3 lbs/SF
8180T10, 8173T10 – 36 pcs/pallet; 1,152 SF/pallet
8181T10, 8174T10 – 72 pcs/pallet; 1,152 SF/pallet
8182T10, 8175T10 – 72 pcs/pallet; 572 SF/pallet
5338W4L08T10, 5338W4L04T10, 5338W2L08T10, 5338W2L04T10 – sold by the piece

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armstrongceilings.com/tectum

BPCS-5716-1122

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