TECTUM® Direct-Attach
TECTUM Direct-Attach
High NRC

Acoustical Wall Panels
coarse texture

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

Tectum® Direct-Attach Panel

1X Furring Strips 24" O.C. or Equal

Laid On 3/4" Furring Strips

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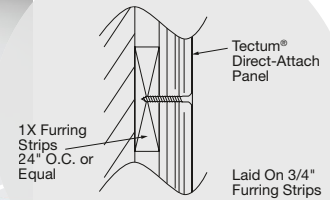
Tectum® Direct-Attach and Direct-Attach High NRC wall panels provide durable, sustainable, acoustical options for a wide variety of applications.

KEY SELECTION ATTRIBUTES

- Tectum Direct-Attach panels have an NRC of up to 1.00 and UL® Certified acoustics with acoustical testing and reporting that align with industry-wide best practices
- Tectum Direct-Attach High NRC panels have a proprietary, factory-applied acoustical backer, adding sound absorption that is certified by UL
- Select products included in the FAST134 program – ready to ship in 4 weeks or less

- *new* All panel thicknesses (1", 1-1/2", and 2") are now part of the Sustain® portfolio and meet the most stringent industry sustainability compliance standards today. Listed colors and custom sizes are included.
- Long and short beveled edges are available as a standard option
- Great retrofit solution for noise reduction

- Can be field painted up to 6 times without impacting acoustic or fire performance
- Variety of premium color options available
- Can be mechanically fastened to a wide variety of surfaces including masonry and drywall
- CleanAssure™ family of products – includes disinfectable panels, suspension systems, and trim (standard colors only)

- USDA Biobased Content: 98%
- Made in the U.S.A. of domestic and global content
- Build America, Buy America (BABA) Act compliant

DETAILS

1. Tectum Direct-Attach panel in White
2. Tectum Direct-Attach panels in White
3. Tectum Direct-Attach High NRC proprietary acoustical backer

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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	✓

TECTUM DESIGN CAPABILITIES

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

| Basalt (TBT) | Polar (TPO) | Sandstone (TSS) | Mist (TMT) | Lilac (TLC) | Boxwood (TBW) | Feldspar (TFS) | Honeysuckle (THS) | Natural* (TNA) |

| Riverstone (TRV) | Limestone (TLM) | Hay (THY) | Pacific (TPC) | Twilight (TTT) | Fern (TFN) | Topaz (TTZ) | Marigold (TMG) | White* (TWH) |

| Coffee (TCE) | Fossil (TFL) | Oat (TOT) | Rainstorm (TRS) | Ocean (TOC) | Ivy (TIV) | Bronzite (TBZ) | Rose (TRO) |

Custom Colors Available**

* **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

PREMIUM SIZE PARAMETERS

Get Tectum Direct-Attach panels in sizes up to 144"

1", 1-1/2", or 2" Thickness

Width	Length
23-3/4" – 48"	12" – 144"

HIGH DESIGN IN STANDARD PRODUCTS   A New Way to Think About Tectum

Tectum® DesignArt®
Mix and match Shapes and Lines for a truly unique visual!
armstrongceilings.com/designart

Tectum® Create!™
Create beautiful, unique spaces with printed imagery!
armstrongceilings.com/tectumcreate

Tectum® Direct-Attach Ceilings
Transform your spaces with strength and style!
armstrongceilings.com/tectumdirect

Armstrong®
World Industries

TECTUM® Direct-Attach
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High NRC

Acoustical Wall Panels
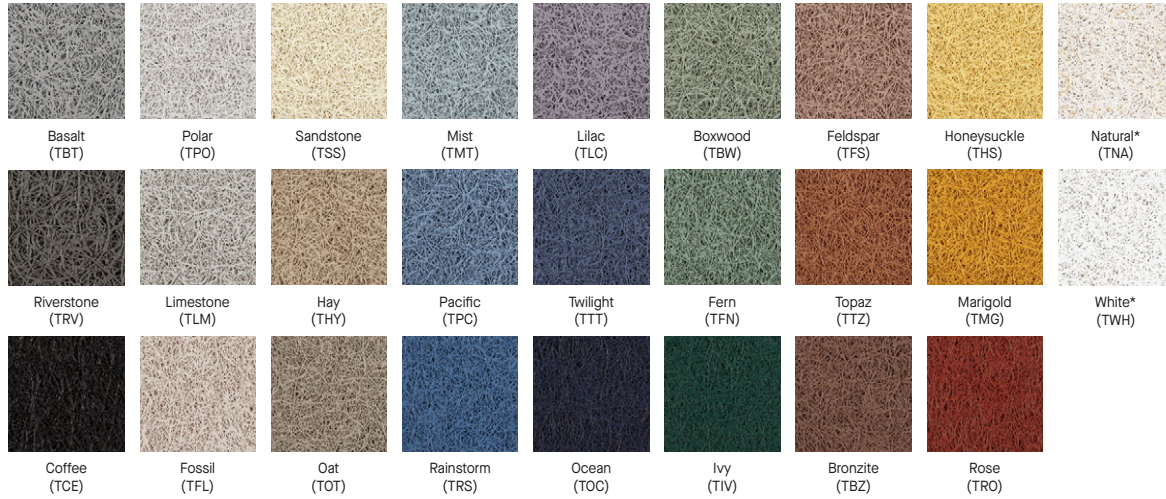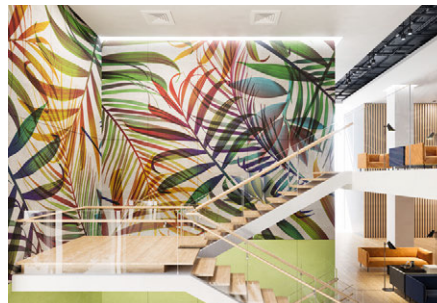coarse texture

USDA CERTIFIED BIOBASED PRODUCT 95%

FSC www.fsc.org
FSC® C007626
The mark of responsible forestry
(Does not apply to High NRC items)

SUSTAIN® High Performance Sustainable Ceiling Systems

Declare.

LEED V5

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

VISUAL SELECTION

PERFORMANCE — Dots represent high level of performance.

ACOUSTICAL INFORMATION

Item No. ◆	Dimensions W × L × 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	Scratch*	30-Yr Warranty
TECTUM® Direct-Attach Wall Panels (FSC® Certified) Long Edges Beveled/ Short Edges Square										
8182T10_ _ _	23-3/4 × 48 × 1"	Class A	Up to 0.75	•	•	•	•	•	•	•
8182T15PC1_ _ _	23-3/4 × 48 × 1-1/2"	Class A	Up to 0.75	•	•	•	•	•	•	•
8182T20PC1_ _ _	23-3/4 × 48 × 2"	Class A	Up to 0.75	•	•	•	•	•	•	•
8181T10_ _ _	23-3/4 × 96 × 1"	Class A	Up to 0.75	•	•	•	•	•	•	•
8181T15PC1_ _ _	23-3/4 × 96 × 1-1/2"	Class A	Up to 0.75	•	•	•	•	•	•	•
8181T20PC1_ _ _	23-3/4 × 96 × 2"	Class A	Up to 0.75	•	•	•	•	•	•	•
8180T10_ _ _	47-3/4 × 96 × 1"	Class A	Up to 0.75	•	•	•	•	•	•	•
8180T15PC1_ _ _	47-3/4 × 96 × 1-1/2"	Class A	Up to 0.75	•	•	•	•	•	•	•
8180T20PC1_ _ _	47-3/4 × 96 × 2"	Class A	Up to 0.75	•	•	•	•	•	•	•
Long Edges Beveled/ Short Edges Beveled**										
8175T10_ _ _	23-3/4 × 48 × 1"	Class A	Up to 0.75	•	•	•	•	•	•	•
8175T15PC1_ _ _	23-3/4 × 48 × 1-1/2"	Class A	Up to 0.75	•	•	•	•	•	•	•
8175T20PC1_ _ _	23-3/4 × 48 × 2"	Class A	Up to 0.75	•	•	•	•	•	•	•
8174T10_ _ _	23-3/4 × 96 × 1"	Class A	Up to 0.75	•	•	•	•	•	•	•
8174T15PC1_ _ _	23-3/4 × 96 × 1-1/2"	Class A	Up to 0.75	•	•	•	•	•	•	•
8174T20PC1_ _ _	23-3/4 × 96 × 2"	Class A	Up to 0.75	•	•	•	•	•	•	•
8173T10_ _ _	47-3/4 × 96 × 1"	Class A	Up to 0.75	•	•	•	•	•	•	•
8173T15PC1_ _ _	47-3/4 × 96 × 1-1/2"	Class A	Up to 0.75	•	•	•	•	•	•	•
8173T20PC1_ _ _	47-3/4 × 96 × 2"	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	•	•	•	•	•

UL Classified Acoustics

Panel Thickness	NRC	Mounting Method
1"	0.40	A
	0.45	D-20
	0.80	C-20
	0.85	C-40
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:
(e.g. 8182T10TNA – Direct-Attach Wall Panels with Long Edges Beveled/Short Edges Square – 23-3/4 × 48 × 1" in Natural)
 * Scratch-resistance is applicable to Natural and White panels only.
** Four-sided beveled edge panels are recommended in adjoining panel installations.

TechLine 877 276-7876
armstrongceilings.com/tectum

Armstrong® World Industries

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coarse texture

USDA CERTIFIED BIOBASED PRODUCT 95%

FSC www.fsc.org
FSC® C007626
The mark of responsible forestry
(Does not apply to High NRC items)

SUSTAIN®
High Performance Sustainable Ceiling Systems

Declare.

VISUAL SELECTION

	Item No. ◆	Dimensions W x L x H (Inches)
TECTUM Direct-Attach High NRC Wall Panels	5338W2L04T10_ _ _	23-3/4 × 48 × 1"
	5338W2L08T10_ _ _	23-3/4 × 96 × 1"
Long Edges Beveled/ Short Edges Square	5338W4L04T10_ _ _	47-3/4 × 48 × 1"
	5338W4L08T10_ _ _	47-3/4 × 96 × 1"

PERFORMANCE
Dots represent high level of performance.

	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	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	•	•	•	•	•	•	•

ACOUSTICAL INFORMATION

UL Classified Acoustics

Panel Thickness	NRC	Mounting Method
1" High NRC	0.60	D-20
	0.85	E-400

◆ When specifying or ordering, include the appropriate 3-digit color suffix:
(e.g. 5338W2L04T10TNA – Direct-Attach High NRC Wall Panels with Long Edges Beveled/Short Edges Square – 23-3/4 × 48 × 1" in Natural)

* Scratch-resistance is applicable to Natural and White panels only.

ACCESSORIES

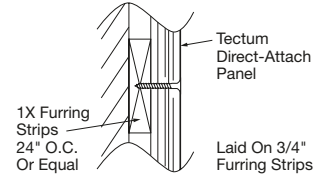| Item No. ◆	Description	Quantity
5456GAL1_ _ _	Touch up paint	1 gallon
8187L16TWH†	#6 × 1-5/8" Painted Head – Sharp point Screws	1000/CTN
8187L22TWH†	#8 × 2-1/4" Painted Head – Sharp point Screws	1000/CTN
8187L30TWH†	#8 × 3" Painted Head – Sharp point Screws	1000/CTN
8188L16TWH†	#6 × 1-5/8" Painted Head – Drill point Screws	1000/CTN
8188L23TWH†	#6 × 2-1/4" Painted Head – Drill point Screws	1000/CTN
8188L30TWH†	#8 × 3" Painted Head – Drill point Screws	1000/CTN
8189L22TWH†	1/4" × 2-1/4" Painted Head – CMU Screws	500/CTN
8189L27TWH†	1/4" × 2-11/16" Painted Head – CMU Screws	500/CTN
8189L32TWH†	1/4" × 3-1/4" Painted Head – CMU Screws	100/CTN

NOTE: Projects may require alternative screw lengths and types depending on site conditions. Please consult installation instructions for guidance.

◆ When specifying or ordering, include the appropriate 3-digit color suffix:
(e.g. 5456GAL1TNA – Touch up paint in Natural)

† Touch up paint is available to paint screw heads in field if desired or specified.
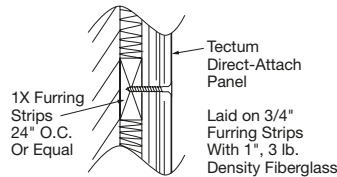
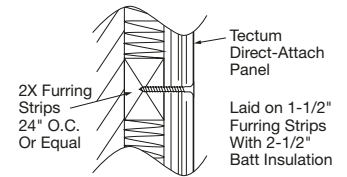## ACOUSTICAL MOUNTING METHODS

Mounting A
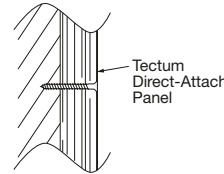
Tectum Direct-Attach Panel

Mounting D-20

1X Furring Strips 24" O.C. Or Equal
Tectum Direct-Attach Panel
Laid On 3/4" Furring Strips

Mounting C-20

1X Furring Strips 24" O.C. Or Equal
Tectum Direct-Attach Panel
Laid on 3/4" Furring Strips With 1", 3 lb. Density Fiberglass

Mounting C-40

2X Furring Strips 24" O.C. Or Equal
Tectum Direct-Attach Panel
Laid on 1-1/2" Furring Strips With 2-1/2" Batt Insulation

Armstrong® World Industries

PARTITIONS & WALLS

TECTUM® Direct-Attach
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High NRC

Acoustical Wall Panels
coarse texture

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	✓

EDGE DETAIL

NOTE: Use Beveled Edge/Square End for the panel layout to the right.
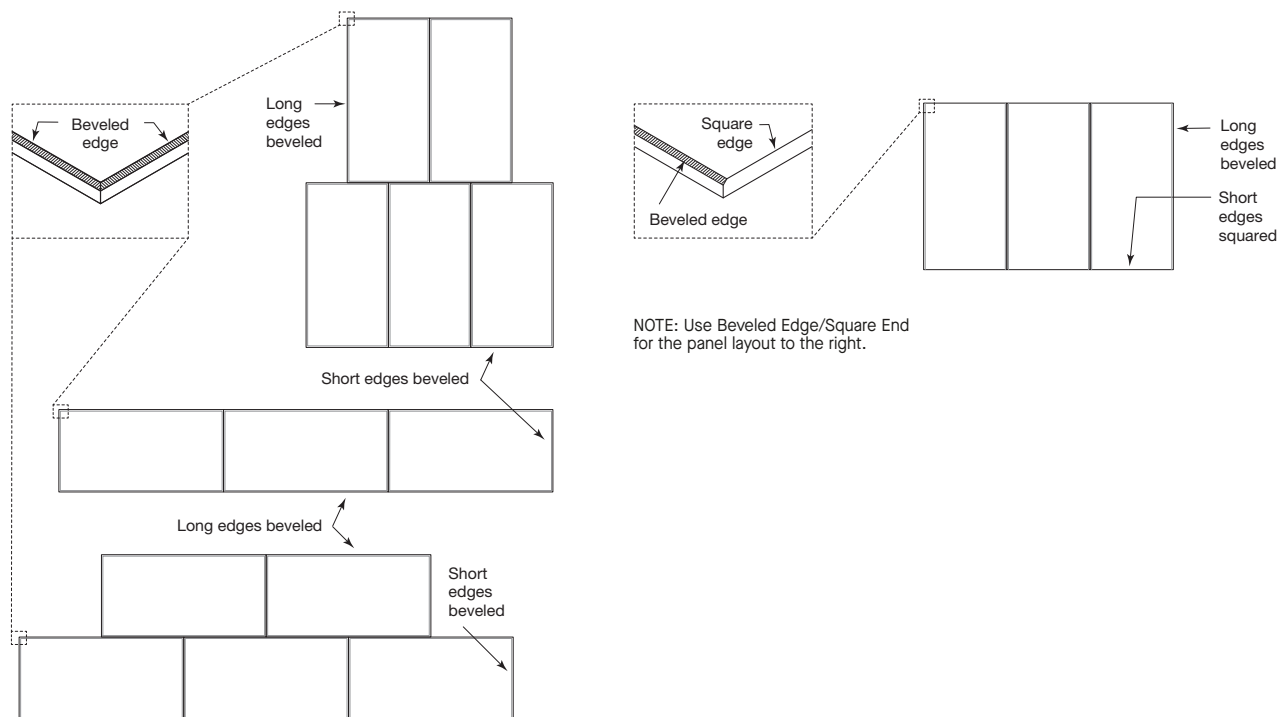
NOTE: Use Beveled Edge/Beveled End panels for all adjoining panel installations.

PHYSICAL DATA

Material
Cementitious Wood Fiber; 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
8174T15, 8181T15 – 48 pcs/pallet; 768 SF/pallet
8175T15, 8182T15 – 48 pcs/pallet; 384 SF/pallet
8173T20, 8180T20 – 18 pcs/pallet; 576 SF/pallet
8174T20, 8181T20 – 36 pcs/pallet; 576 SF/pallet
8175T20, 8182T20 – 36 pcs/pallet; 288 SF/pallet
5338W4L08T10, 5338W4L04T10, 5338W2L08T10, 5338W2L04T10 – sold by the piece

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BPCS-5716-1025

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PARTITIONS & WALLS