TECTUM®
TECTUM High NRC

Square Lay-in
Acoustical Ceiling Panels
coarse texture

TOTAL ACOUSTICS®
Sound Absorption (NRC)
+ Sound Blocking (CAC)

SUSTAIN®
High Performance
Sustainable
Ceiling Systems

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

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



Tectum Lay-in 24" x 24" panels in White with Prelude® XL® 15/16" suspension system

Tectum® Lay-in and Tectum Lay-in High NRC ceiling panels provide durable, sustainable, and acoustical options for a wide variety of applications.

KEY SELECTION ATTRIBUTES

- Tectum Lay-in panels have an NRC of up to 0.90 and UL® Certified acoustics with acoustical testing and reporting that align with industry-wide best practices
- Tectum High NRC panels have a proprietary, factory-applied acoustical backer, adding sound absorption that is certified by UL

new

- Select products included in the FAST134 program – ready to ship in 4 weeks or less
- 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.
- Mold and mildew-resistant surface
- Durable for heavy-use interiors
- Wide variety of color options available, including custom colors
- Can be field painted up to six times without impacting acoustic or fire performance
- Short lead times
- 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 Lay-in
2. Tectum Lay-in with Prelude® 15/16" suspension system
3. Tectum Lay-in High NRC proprietary acoustical backer

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USDA CERTIFIED BIOBASED PRODUCT
PRODUCT 95%

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

SUSTAIN®
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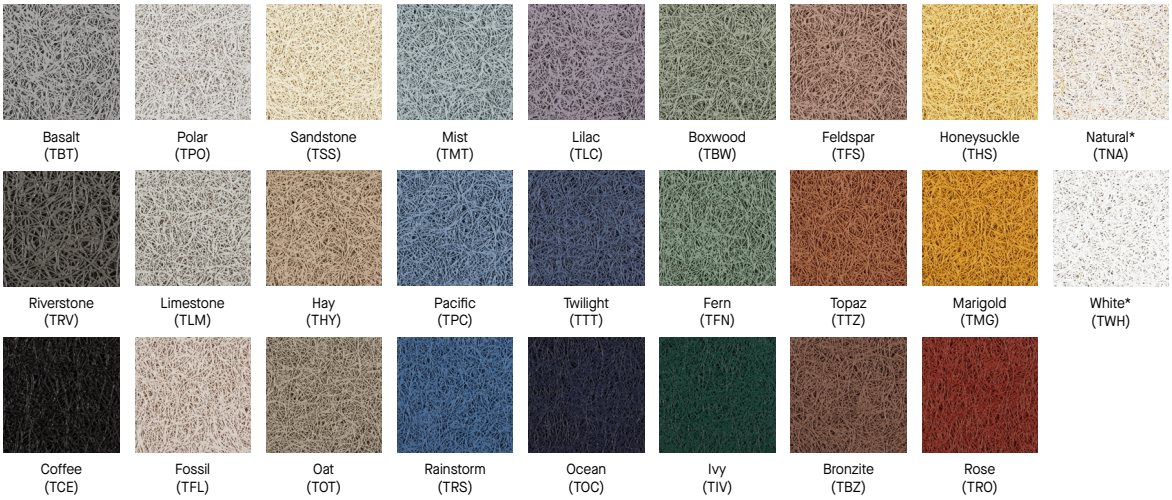
Declare.

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	✓

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. 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

PREMIUM SIZE PARAMETERS

Get Tectum Lay-in ceilings in sizes up to 96"

Thickness	Width	Length
1"	6" – 30"	12" – 96"
1-1/2"	6" – 48"	12" – 48"
2"	6" – 48"	12" – 48"

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!
armstrong.com/designart



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

TECTUM® WOOD FIBER – Standard

TechLine 877 276-7876
armstrong.com/tectumlayin

Armstrong® World Industries

TECTUM®
TECTUM High NRC

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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
Dots represent high level of performance.

ACOUSTICAL INFORMATION

armstrongceilings.com/catdwgs	Susp. Dwg.	Item No. ◆	Dimensions Nominal 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™ DURABILITY Disinfectable Panels: Fog	Impact	Scratch*	30-Yr Warranty
TECTUM® Square Lay-in (FSC® certified) 15/16" Square Lay-in	1	**8184T10_ _ _**	24 × 24 × 1"	Class A	Up to 0.75	•	•	•	•	•	•	•
		8183T10_ _ _	24 × 48 × 1"	Class A	Up to 0.75	•	•	•	•	•	•	•
		Other Panel Sizes	See premium size parameters on page 2.	Class A	Up to 0.75	•	•	•	•	•	•	•
TECTUM® High NRC Square Lay-in 15/16" Square Lay-in	1	**5340W2L02T10_ _ _**	24 × 24 × 1"	Class A	Up to 0.75	•	•	•	•	•	•	•
		5340W2L04T10_ _ _	24 × 48 × 1"	Class A	Up to 0.75	•	•	•	•	•	•	•

Panel Thickness	Infill Panel Item No.	NRC	+ CAC	= NRC + CAC	Total Acoustics[1]
1"	N/A	0.40	N/A	N/A	
1"	1713	0.90	35	BEST	
1" High NRC	N/A	0.85 *	N/A	N/A	

[1] Total Acoustics® ceiling panels have an ideal combination of sound absorption and sound blocking in one product.
GOOD (NRC 0.60-0.65; CAC 35+)
BETTER (NRC 0.70-0.75; CAC 35+)
BEST (NRC 0.80+; CAC 35+)

◆ When specifying or ordering, include the appropriate 3-digit color suffix:
(e.g. 8184T10TNA – Lay-in Ceiling Panels - 24 × 24 × 1" in Natural)
* Scratch-resistance is applicable to Natural and White panels only.
** 1-1/2" and 2" thicknesses require a back rabbet cut to make room for the suspension system; see diagram below.

ACOUSTICAL INFILL PANELS***

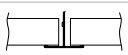
Item No.	Description	Dimensions	Color	PCS/CTN
1713	School Zone® Fine Fissured Lay-in Acoustical Panel	24 × 24 × 3/4"	White	12

*** Infill panels only used for non-High NRC Items

SUSPENSION SYSTEMS

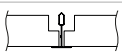
15/16"

1"



Prelude® XL® Suspension System

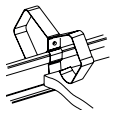
1-1/2" & 2"



Prelude XL Suspension System

ACCESSORIES

Tectum Hold-down Clip –
Attaches to main beams and cross tees behind lay-in ceilings; helps prevent panel displacement from non-deliberate contact and other forces from below.



8178T10 – 1" Panel Thickness
8178T20 – 1-1/2" Panel Thickness

PHYSICAL DATA

Material
Cementitious Wood Fiber

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 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™, Living Building Challenge® (LBC), CalGreen Title 24, ANSI/ASHRAE/USGBC/IES Standard 189; ANSI/GBI Green Building Assessment Protocol.

Humidity/Sag Resistance
HumiGuard® Plus 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
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.

Low angle lighting exaggerates variation inherent to the manufacturing process and is not recommended for Tectum installations.

Design & Pre-Construction Service
For complimentary design and pre-construction assistance, contact ProjectWorks® or visit armstrong.com/projectworks

Seismic Restraint
Tectum Lay-in panels are approved for application in all seismic areas when installed per Armstrong Ceilings Installation Instructions.

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

Warranty
30-Year Performance Guarantee and Warranty when installed with Armstrong® Suspension System. Details at armstrong.com/warranty

Weight; Square Feet/Carton
1" – 1.65 LBS/SF
1-1/2" – 2.53 LBS/SF
2" – 3.3 LBS/SF
8183T10 – 4 PCS/CTN
8184T10 – 8 PCS/CTN
5340W2L02T10 – 8 PCS/CTN
5340W2L04T10 – 4 PCS/CTN

TECTUM® WOOD FIBER – Standard

TechLine / 877 276-7876
armstrong.com/tectumlayin

BPCS-5615-726

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