TECTUM®
TECTUM High NRC

Square Lay-in
Acoustical Ceiling Panels
coarse texture

SUSTAIN®
High Performance
Sustainable
Ceiling Systems

plus capabilities
to do more

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

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

- **new** Tectum Lay-in panels now have UL® Certified acoustics with acoustical testing and reporting that align with industry-wide best practices

- **new** Tectum 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** 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 standards today

- Excellent sound absorption - NRC up to 0.85 (1" High NRC panel)

- 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

- USDA Biobased content: 98%

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

White (TWH)

Natural (TNA)

Custom Colors Available*

* For Tectum Lay-in only. Custom color panels and any panels greater than 1" thick are not included in Sustain portfolio.

DETELS

1. Tectum Lay-in
2. Tectum Lay-in with Prelude® 15/16" suspension system
3. Tectum Lay-in High NRC proprietary acoustical backer

Armstrong®
World Industries

TECTUM®
TECTUM High NRC

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coarse texture

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

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

For LEED contribution, visit armstrongceilings.com/greengenie

VISUAL SELECTION

armstrongceilings.com/catdwgs	Susp. Dwg.	Item No. ◆	Dimensions Nominal W x L x H (Inches)
TECTUM® Square Lay-in (FSC® certified) 15/16" Square Lay-in	1	8184T10_ _ _	24 × 24 × 1"
		8183T10_ _ _	24 × 48 × 1"
		Other Size Panels*	1", 1-1/2", or 2" thickness
TECTUM® High NRC Square Lay-in (FSC-certified) 15/16" Square Lay-in	1	(new) 5340W2L02T10_ _ _	24 × 24 × 1"
		(new) 5340W2L04T10_ _ _	24 × 48 × 1"

PERFORMANCE Dots represent high level of performance.

	Fire Rating	Light Reflect (White only)	Anti-Mold/ Mildew (Bio-Block)	Sag Resist (Humi-Guard+)	Certified Low VOC Emissions	CleanAssure™ Disinfectable Panels — Fog	DURABILITY — Impact	Scratch	30-Yr Warranty
8184T10	Class A	Up to 0.75	•	•		•	•	•	•
8183T10	Class A	Up to 0.75	•	•		•	•	•	•
Other Size Panels	Class A	Up to 0.75		•	N/A	•	•	•	•
5340W2L02T10	Class A	Up to 0.75	•	•		•	•	•	•
5340W2L04T10	Class A	Up to 0.75	•	•		•	•	•	•

ACOUSTICAL INFORMATION

Item No.	Infill Panel Item No.	NRC	+ CAC =	Total Acoustics¹ NRC/CAC
8184T10_ _ _	N/A	0.40	N/A	N/A
8183T10_ _ _	N/A	0.40	N/A	N/A
5340W2L02T10_ _ _ High NRC	N/A	0.85	N/A	N/A
5340W2L04T10_ _ _ High NRC	N/A	0.85	N/A	N/A
8184T10_ _ _	1713	0.90	30	N/A
8183T10_ _ _	1713	0.90	30	N/A

◆ When specifying or ordering, include the appropriate 3-digit color suffix TNA = Natural TWH = White (e.g. 8184T10 T W H)

* 1-1/2" and 2" thicknesses require a back rabbet cut to make room for the suspension system; see diagram below.

NOTE: Four-sided beveled edge panels are recommended in adjoining panel installations.

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+)

SUSPENSION SYSTEMS

15/16"

1" — Prelude® XL® Suspension System

1-1/2" & 2" — Prelude XL Suspension System
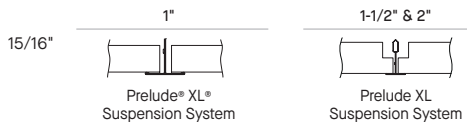
ACCESSORIES
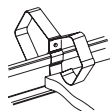
Tectum Hold-down Clip
8178T10 – 1" Panel Thickness
8178T20 – 1-1/2" Panel Thickness
Attaches to main beams and cross tees behind lay-in ceilings; helps prevent panel displacement from non-deliberate contact by basketballs and other forces from below the ceiling.

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

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 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.

Design Support
For custom design assistance contact ProjectWorks® Design Services or visit armstrongceilings.com/projectworks

Specification Consideration
FSC-certified panels available upon request.
Attention: For FSC-certified wood products to maintain their CoC certification, products must be sold to a CoC-certified distributor or directly to the installing contractor. Failure to do so breaks the CoC.

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 armstrongceilings.com/cleaning

Warranty
30-Year Performance Guarantee and Warranty when installed with Armstrong® Suspension System. Details at armstrongceilings.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

Armstrong® World Industries