

TECTUM®

Square Lay-in
coarse texture

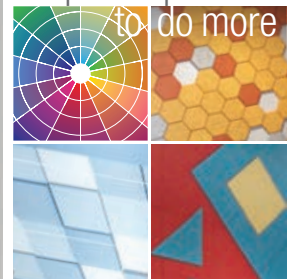


SUSTAIN®
High Performance
Sustainable
Ceiling Systems



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

plus capabilities
to do more



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

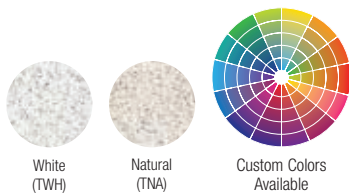
armstrongceilings.com/capabilities
See more photos at:
armstrongceilings.com/photogallery

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

KEY SELECTION ATTRIBUTES

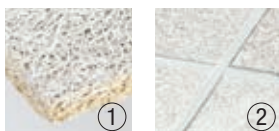
- Tectum® Lay-in now has UL® Certified acoustics with acoustical testing and reporting that align with industry-wide best practices
- Tectum® panels are Living Product Imperative Certified by the International Living Future Institute® – 1" panels in White and Natural only
- Tectum panels are part of the Sustain® portfolio and meet the most stringent sustainability standards today – 1" panels in White and Natural only
- 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.



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

DETAILS



1. Tectum® Lay-in
2. Tectum® Lay-in with Prelude® 15/16" suspension system

Note: Panel edges are unfinished.

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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 x 24 x 1"
		8183T10__	24 x 48 x 1"
		Other Size Panels	1", 1-1/2", or 2" thickness

♦ 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.

PERFORMANCE

Dots represent high level of performance.

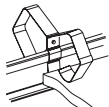
Fire Rating	Light Reflect	Anti-Mold/Mildew	Sag Resist	Certified Low VOC Emissions	DURABILITY		30-Yr Warranty
					Impact	Scratch	
Class A	Up to 0.75	•	•	•	•	•	•
Class A	Up to 0.75	•	•	•	•	•	•
Class A	Up to 0.75	•	•	N/A	•	•	•

ACOUSTICAL INFORMATION

Item No.	Infill Panel Item No.	NRC	UL Classified Acoustics + CAC	Total Acoustics ¹ NRC + CAC
8184T10__	N/A	0.40	N/A	N/A
8183T10__	N/A	0.40	N/A	N/A
8184T10__	1713	0.90	33	N/A
8183T10__	1713	0.90	33	N/A

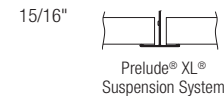
¹ Total Acoustics® ceiling panels have an ideal combination of sound absorption and sound blocking in one product.
GOOD (NRC 0.60-0.65; CAC 35+)
BETTER (NRC 0.70-0.75; CAC 35+)
BEST (NRC 0.80+; CAC 35+)

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.

SUSPENSION SYSTEMS



ACOUSTICAL INFILL PANELS

Item No.	Description	Dimensions	Color	Pcs/Ctn
1713	School Zone® Fine Fissured Lay-in Acoustical Panel	24 x 24 x 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 with Silicate surface coating for abuse resistance. Natural is unpainted.

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 tiles with BioBlock® performance resist the growth of mold and mildew on the tile 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
Project management assistance is available by calling TechLine at 1 877 276 7876.

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.

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