

# 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 134**  
Select Items Ship Fast  
armstrongceilings.com/fast134



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

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

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
- 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

# TECTUM® TECTUM High NRC

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Acoustical Ceiling Panels  
coarse texture

USDA  
CERTIFIED  
BIOBASED  
PRODUCT  
PRODUCT 95%

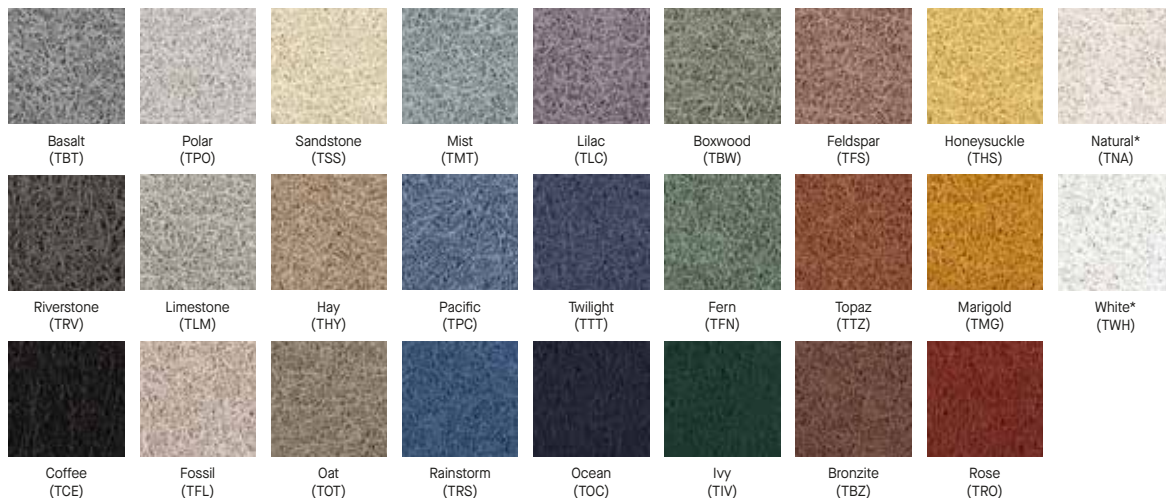


## LEED V5

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

### TECTUM DESIGN CAPABILITIES

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



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 Lay-in ceilings in sizes up to 96"	Thickness	Width	Length
	1"	6" – 30"	12" – 96"
	1-1/2" & 2"	6" – 48"	12" – 96"

### 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](http://armstrongceilings.com/designart)



**Tectum® Create!™**  
Create beautiful, unique spaces with printed imagery!  
[armstrongceilings.com/tectumcreate](http://armstrongceilings.com/tectumcreate)



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LEED V5

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

## VISUAL SELECTION

armstrongceilings.com/catdwgs	Susp. Item Dwg. No. ◆	Item No. ◆	Dimensions Nominal W x L x H (Inches)
TECTUM® Square Lay-in (FSC® certified)	1	8184T10_ _ _	24 × 24 × 1" □
		8183T10_ _ _	24 × 48 × 1" □
		Other Panel Sizes	See premium size parameters on page 2.
TECTUM® High NRC Square Lay-in	1	5340W2L02T10_ _ _	24 × 24 × 1" □
		5340W2L04T10_ _ _	24 × 48 × 1" □

◆ 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.

## PERFORMANCE

Dots represent high level of performance.

Fire Rating	Light Reflect	Anti-Mold/Mildew	Humi-Guard+	Sag Resist	Certified Low VOC Emissions	CleanAssure™ Disinfectable Panels	DURABILITY	30-yr Warranty
Class A	Up to 0.75	*	*	*	*	Fog	Impact	Scratch*
Class A	Up to 0.75	*	*	*	*			
Class A	Up to 0.75	*	*	*	*			
Class A	Up to 0.75	*	*	*	*			

## ACOUSTICAL INFORMATION

Panel Thickness	Infill Panel Item No.	NRC	CAC	Total Acoustics¹
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+)

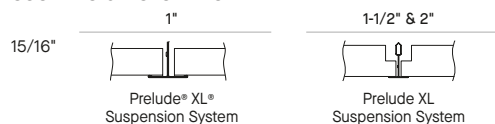
BEST (NRC 0.80+; CAC 35+)

## 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

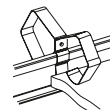
\*\*\* Infill panels only used for non-High NRC Items

## SUSPENSION SYSTEMS



## 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 [armstrongceilings.com/projectworks](http://armstrongceilings.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 [armstrongceilings.com/cleaning](http://armstrongceilings.com/cleaning)

### Warranty

30-Year Performance Guarantee and Warranty when installed with Armstrong® Suspension System. Details at [armstrongceilings.com/warranty](http://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

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TechLine / 877 276-7876  
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BPCS-5615-126

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World Industries