

# TECTUM® TECTUM High NRC

Tegular  
coarse texture



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



**SUSTAIN®**  
High Performance  
Sustainable  
Ceiling Systems



CAD/Revit® drawings at:  
[armstrongceilings.com/cadrevit](http://armstrongceilings.com/cadrevit)



Tectum Tegular 24" x 48" panels in White with Prelude® XL® 15/16" suspension system

[armstrongceilings.com/capabilities](http://armstrongceilings.com/capabilities)  
See more photos at:  
[armstrongceilings.com/photogallery](http://armstrongceilings.com/photogallery)

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

## KEY SELECTION ATTRIBUTES

- new** • Tectum Tegular panels now have UL® Certified acoustics with acoustical testing and reporting that align with industry-wide best practices
- new** • Tectum Tegular High NRC panels have a proprietary, factory-applied acoustical backer, adding sound absorption that is certified by UL
- new** • 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)
- Get Total Noise Control and design flexibility with Total Acoustics® ceiling panels: NRC + CAC = Total Acoustics Performance

- Mold- and mildew-resistant surface
- Durable for heavy-use interiors
- Wide variety of color options available, including custom colors
- Short lead times
- Can be field painted up to six times without impacting acoustic or fire performance
- USDA Biobased content: 98%

## TYPICAL APPLICATIONS

- Gymnasiums
- Auditoriums
- Multi-purpose Spaces
- Corridors
- Education Spaces

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



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

## DETAILS



1. Tectum Tegular panel in White (TWH)
2. Tectum Tegular with Prelude® 15/16" suspension system
3. Tectum Tegular High NRC panel in Natural (TNA) with proprietary acoustical backer

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Declare



For LEED contribution contact TechLine

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
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

LOCATION DEPENDENT

## VISUAL SELECTION

Item No. ♦	Dimensions Nominal W x L x H (Inches)
TECTUM® Tegular (FSC® certified) 15/16" Square Tegular	8186T10_ _ _ 24 x 24 x 1" <input type="checkbox"/>
	8185T10_ _ _ 24 x 48 x 1" <input type="checkbox"/>
Other Size Panels	1", 1-1/2", or 2" thickness
TECTUM® High NRC Tegular (FSC®-certified) 15/16" Square Tegular	5339W2L02T10_ _ _ 24 x 24 x 1" <input type="checkbox"/>
	5339W2L04T10_ _ _ 24 x 48 x 1" <input type="checkbox"/>

♦ When specifying or ordering, include the appropriate 3-digit color suffix TNA = Natural, TWH = White (e.g. 8185T10 I W H)  
For special sizes, and colors, call TechLine at 1 877 276-7876.

## PERFORMANCE

Dots represent high level of performance.

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

## ACOUSTICAL INFORMATION

Item No. ♦	Infill Panel Item No.	NRC	CAC	Total Acoustics <sup>1</sup>
8186T10_ _ _	N/A	0.40	N/A	N/A
8185T10_ _ _	N/A	0.40	N/A	N/A
5339W2L02T10_ _ _ High NRC	N/A	0.85	N/A	N/A
5339W2L04T10_ _ _ High NRC	N/A	0.85	N/A	N/A
8186T10_ _ _	1713	0.90	30	BEST
8185T10_ _ _	1713	0.90	30	BEST

<sup>1</sup> 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 x 24 x 3/4"	White	12

## SUSPENSION SYSTEMS



## 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.  
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 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.  
**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 Tegular 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 & 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  
8186T10 - 8 PCS/CTN  
8185T10 - 4 PCS/CTN  
5339W2L02T10 - 8 PCS/CTN  
5339W2L04T10 - 4 PCS/CTN