

# TECTUM® TECTUM High NRC

Tegular  
coarse texture



CONTAIN CLEAN PROTECT



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, 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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For LEED contribution visit  
armstrongceilings.com/greengenie



## VISUAL SELECTION

armstrongceilings.com/catdwgs	Susp. Item Dwg. No. ♦	Item No. ♦	Dimensions Nominal W x L x H (Inches)
TECTUM® Tegular (FSC® Certified) 15/16" Square Tegular		8 8186T10_	24 x 24 x 1"
		8 8185T10_	24 x 48 x 1"
		Other Size Panels	1", 1-1/2", or 2" thickness
TECTUM® High NRC Tegular (FSC-certified) 15/16" Square Tegular		8 <sup>new</sup> 5339W2L02T10_	24 x 24 x 1"
		8 <sup>new</sup> 5339W2L04T10_	24 x 48 x 1"

♦ 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 Reflectance	Anti-Mold/Mildew	Sag Resist	Certified Low VOC Emissions	Humidity Guard+	White Bio-only Block	CleanAssure™ Disinfectable Panels	Fog	Impact	Scratch	DURABILITY	30-Yr Warranty
Class Up to A	Up to 0.75	•	•	•	•	•	•	•	•	•	•	•
Class Up to A	Up to 0.75	•	•	•	•	•	•	•	•	•	•	•
Class Up to A	Up to 0.75	•	•	N/A	•	•	•	•	•	•	•	•
Class Up to A	Up to 0.75	•	•	•	•	•	•	•	•	•	•	•
Class Up to A	Up to 0.75	•	•	•	•	•	•	•	•	•	•	•

## ACOUSTICAL INFORMATION

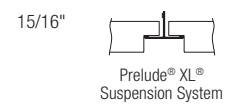
Item No. ♦	Infill Panel Item No.	NRC	CAC	Total Acoustics¹
8186T10_	N/A	0.40	N/A	N/A
8185T10_	N/A	0.40	N/A	N/A
5339W2L02T10_	N/A	0.85	N/A	N/A
5339W2L04T10_	N/A	0.85	N/A	N/A
8186T10_	1713	0.90	35	BEST
8185T10_	1713	0.90	35	BEST

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 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 (painted, face only).

**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