

TECTUM® TECTUM High NRC

Tegular
coarse texture



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



SUSTAIN®
High Performance
Sustainable
Ceiling Systems



FAST134
Select Items Ship Fast
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CAD/Revit® drawings at:
armstrongceilings.com/cadrevit

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

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

KEY SELECTION ATTRIBUTES

- Tectum Tegular 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 Tegular 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.

- 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

- 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

TYPICAL APPLICATIONS

- Gymnasiums
- Auditoriums
- Corridors
- Education Spaces

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

TECTUM® TECTUM High NRC

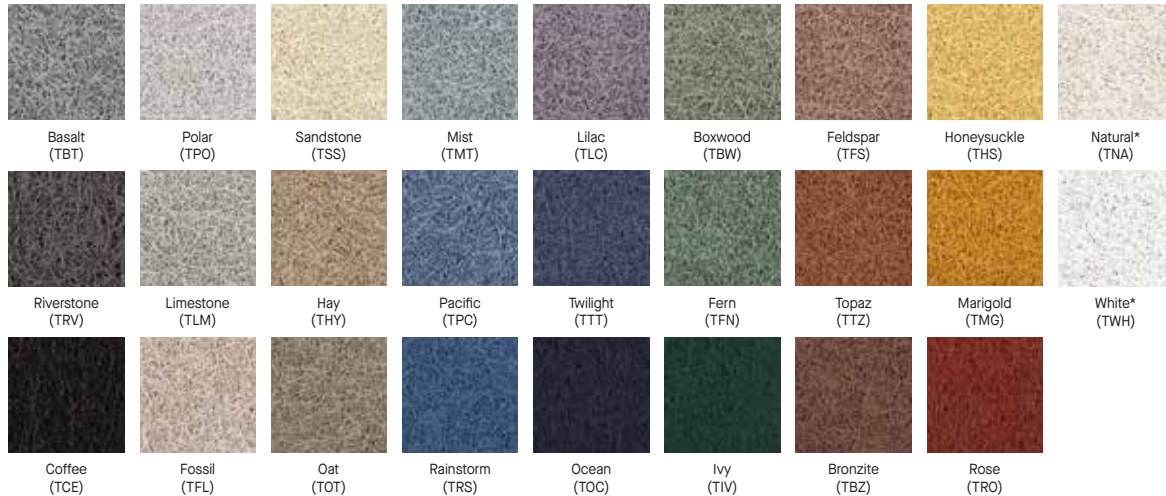
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COMMON MATERIALS FRAMEWORK		Climate Health	EPD
Human Health	Declare Label HPD	Ecosystem Health	EPD
	3rd Party CDPH	Circular Economy	✓
OCCUPANT EXPERIENCE		Acoustics	✓

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 Tegular 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



Tectum® Create!™
Create beautiful, unique spaces with printed imagery!
armstrongceilings.com/tectumcreate



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Declare®

LEED V5

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

VISUAL SELECTION

Item No.	Dimensions Nominal W x L x H (Inches)
TECTUM® Tegular (FSC® certified)	24 x 24 x 1"
15/16" Square Tegular	24 x 48 x 1"
Other Panel Sizes	See premium size parameters on page 2.
TECTUM® High NRC Tegular	24 x 24 x 1"
15/16" Square Tegular	24 x 48 x 1"

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	*	*	*	*	*	*	*
Class Up to A	0.75	*	*	*	*	*	*	*

ACOUSTICAL INFORMATION

Panel Thickness	Infill Panel Item No.	NRC	CAC	Total Acoustics ¹
1"	N/A	0.40	N/A	N/A
1"	1713	0.90	35	BEST
1"	High NRC	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+)

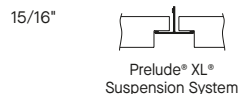
◆ When specifying or ordering, include the appropriate 3-digit color suffix: (e.g. 8186T10TNA – Tegular Ceiling Panels - 24 x 24 x 1" in Natural)
 * Scratch-resistance is applicable to Natural and White panels only.
 For special sizes, and colors, contact ASQuote@armstrongceilings.com.

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

* Infill panels only used for non-High NRC items

SUSPENSION SYSTEMS



ACCESSORIES

Tectum Hold-down Clip – Attaches to main beams and cross tees behind Tegular 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; Tectum High NRC panels have an acoustical face.

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™, 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.

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.

Seismic Restraint
 Tectum Tegular panels are approved for application in all seismic areas when installed per Armstrong Ceilings Installation Instructions.

Design & Pre-Construction Service
 For complimentary design and pre-construction assistance, contact ProjectWorks® or visit armstrongceilings.com/projectworks

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

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TECTUM® WOOD FIBER – Standard