

TECTUM® TECTUM High NRC

Tegular
coarse texture



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



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

armstrongceilings.com/capabilities
See more photos at:
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

- Tectum Tegular panels now have 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
- CleanAssure™ family of products – includes disinfectable panels, suspension systems, and trim (standard colors only)
- 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%
- Made in the U.S.A. of domestic and global content
- Build America, Buy America (BABA) Act compliant

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

TECTUM® TECTUM High NRC

Tegular
coarse texture

USDA
CERTIFIED
BIOBASED
PRODUCT
PRODUCT 98%

SUSTAIN®
High Performance
Sustainable Ceiling Systems
Declare®

LEED®
WELL | LBC

| | | | | | | | | | | | | | |
|-------------------|-------------------------|--------------------|------------------------|-----|------------------------------------|---------------------|-----------------|------------------|---------------------------|-------------------------------|------------------------|------------------|-----------|
| energy management | construction waste mgmt | regional materials | design for flexibility | EPD | recyclable/extended producer resp. | bio-based materials | FSC® (for wood) | recycled content | sourcing of raw materials | material ingredient reporting | low emitting materials | lighting quality | acoustics |
| | | | | | | | | | | | | | |

For LEED contribution contact TechLine










LOCATION DEPENDENT

VISUAL SELECTION

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

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

PERFORMANCE

| | (White Bio-only) | Humi-Guard+ | CleanAssure™ Disinfectable Panels | DURABILITY | 30-Yr Warranty | | | | |
|---------------|---|---|---|---|---|---|--|---|---|
| | Fire Rating | Light Reflect | Anti-Mold/Mildew | Sag Resist | Certified Low VOC Emissions | Fog | Impact | Scratch | |
| |  |  |  |  |  |  |  |  |  |
| Class Up to A | 0.75 | * | * | * | * | * | * | * | * |
| <hr/> | | | | | | | | | |
| Class Up to A | 0.75 | * | * | * | * | * | * | * | * |
| <hr/> | | | | | | | | | |
| Class Up to A | 0.75 | * | * | N/A | * | * | * | * | * |
| <hr/> | | | | | | | | | |
| Class Up to A | 0.75 | * | * | * | * | * | * | * | * |
| <hr/> | | | | | | | | | |
| Class Up to A | 0.75 | * | * | * | * | * | * | * | * |
| <hr/> | | | | | | | | | |

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 |
| High NRC | | | | |
| 5339W2L04T10_ _ _ | N/A | 0.85 | N/A | N/A |
| High NRC | | | | |
| 8186T10_ _ _ | 1713 | 0.90 | 30 | BEST |
| 8185T10_ _ _ | 1713 | 0.90 | 30 | 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 × 24 × 3/4" | White | 12 |

SUSPENSION SYSTEMS

| | |
|--------|---------------------------------------|
| 15/16" | Prelude® XL® Suspension System |
|--------|---------------------------------------|

PHYSICAL DATA

Material
Cementitious Wood Fiber; 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®, 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.

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

TechLine / 1 877 276-7876
armstrongceilings.com/tectumtegular
BPCS-5616-924

LEED® is a registered trademark of the U.S. Green Building Council; Declare® and Living Building Challenge® (LBC) are registered trademarks of the International Living Future Institute; WELL™ and WELL Building Standard™ are trademarks of the International WELL Building Institute®; Revit® is a registered trademark of Autodesk, Inc.; UL and UL Certified are registered trademarks of UL LLC; all other trademarks used herein are the property of AWI Licensing LLC and/or its affiliates © 2024 AWI Licensing LLC

Armstrong®
World Industries

TECTUM® WOOD FIBER - Standard