

# ACOUSTICAL INFILL PANELS

Accessories for MetalWorks™ and WoodWorks® Ceilings



WoodWorks Grille Tegular 24" × 24" panels with 2820 infill panels



MetalWorks Torsion Spring custom perforated panels

Smooth mineral fiber ceiling panel with excellent sound absorption for open plan spaces.

## KEY SELECTION ATTRIBUTES

- Enhance design and increase sound absorption with a variety of acoustical infill options for MetalWorks™ and WoodWorks® panels
- BioAcoustic™ infill can contribute to LEED® credits (Rapidly renewable and recycled content)
- Custom-size BioAcoustic panels available; for details, contact – ASQuote@armstrongceilings.com
- Made in the U.S.A. of domestic and global content
- Build America, Buy America (BABA) Act compliant

## TYPICAL APPLICATIONS

- Office
- Education
- Healthcare
- Hospitality and retail
- Transportation

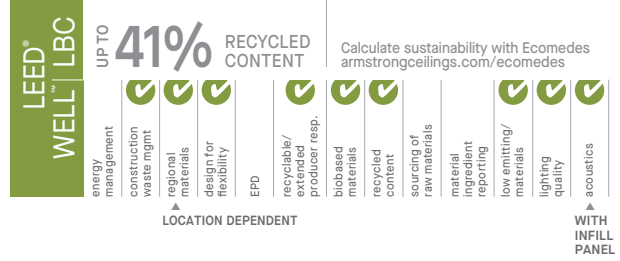
## DETAILS



1. BioAcoustic Infill Panel – Beige
2. BioAcoustic Infill Panel – Black
3. Backstage Noir® Square Lay-in Panel – Black
4. 1" Fiberglass Infill Panel (in poly bag)
5. Fine Fissured™ Square Lay-in Panel – Black
6. Cortega® Square Lay-in Panel
7. Calla® Square Lay-in Panel – Black

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## Accessories for MetalWorks™ and WoodWorks® Ceilings



### ACOUSTICAL INFILL PANELS

### ACOUSTICAL PERFORMANCE

Item No.	Description	Dimensions (Nominal W x L x H)	Color	PCS/CTN	Sound Absorption NRC	+	Sound Blocking CAC	=	Total Acoustics <sup>1</sup> NRC CAC
2820/2820BK	Calla® Square Lay-in Panel	24 × 24 × 1"	White or Black	10	0.85		35		BEST
2821BK	Calla Square Lay-in Panel	24 × 48 × 1"	Black	10	0.85		35		BEST
2864BK	Calla Square Lay-in Panel	24 × 72 × 1"	Black	10	0.85		35		BEST
1713/1713BL	School Zone® Fine Fissured™ Square Lay-in Panel	24 × 24 × 3/4"	White or Black	12	0.70		35		BETTER
1714	School Zone Fine Fissured Square Lay-in Panel	24 × 48 × 3/4"	White	8	0.70		40		BETTER
1318	Backstage Noir® Square Lay-in Panel	24 × 24 × 3/4"	Black	12	0.75		30		N/A
1319	Backstage Noir Square Lay-in Panel	24 × 48 × 3/4"	Black	6	0.75		30		N/A
5479	BioAcoustic™ Infill Panel	24 × 24 × 5/8"	Beige Matte	12	0.75		N/A		N/A
5823	BioAcoustic Infill Panel	24 × 24 × 5/8"	Black Matte	12	0.75		N/A		N/A
6657	BioAcoustic Infill Panel	11 × 48 × 5/8"	Black Matte	12	0.75		N/A		N/A
8200T10	Fiberglass Infill Panel	24 × 24 × 1"	Black Gloss	12	0.75		N/A		N/A
747*	Cortega® Square Lay-in Panel	24 × 48 × 5/8"	White	8	0.55		40		N/A
1728BL	Fine Fissured™ Square Lay-in Panel	24 × 24 × 5/8"	Tech Black	16	0.55		33		N/A

\* Recommended for high CAC acoustical performance with MetalWorks Extra Microperforated panels.  
<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+)

### PHYSICAL DATA

#### Material

8200T10 – fiberglass  
1728BL, 747, 2820/2920BK, 2821BK, 2864BK, 1318, 1319, 1713/1713BL, 1714 – wet-formed mineral fiber  
5479, 5823, 6657 – BioAcoustic

#### Surface Finish

See photos on previous page for visual

#### Fire Performance

For all panels (excluding 5823 and 6657) – Class A:  
ASTM E84 and CAN/ULC S102 surface burning characteristics.  
Flame Spread Index 25 or less. Smoke Developed Index 50 or less. Class A.

For 5823 and 6657 - ASTM E84 Flame Spread Index 25 or less. Smoke Developed Index 450 or less. Class A. CAN/ULC S102.2 surface burning characteristics. Flame Spread Rating of 25. Smoke Developed Classification of 50.

#### ASTM E1264 Classification

2820/2820BK, 2821BK, 2864BK, 1318, 1319 - Type A5, Form 2, Pattern E, Fire Class A  
1713/1713BL, 1714, 1728BL - Type A1, Form 2, Pattern C D G, Fire Class A  
5479, 5823, 6657 - Type B, Form 2, Pattern C E  
747 - Type A1, Form 2, Pattern C D, Fire Class A

#### VOC Emissions

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.

#### Anti Mold/Mildew

8200T10 – Fiberglass substrate is inherently resistant to the growth of mold, mildew, and bacteria. 2820, 2820BK, 2821BK, 2864BK, 1713, 1713BL, 1714, 1318, 1319, 747, 1728BL - Ceiling panels with BioBlock® performance resist the growth of mold and mildew on the panel surface. 5479, 5823, 6657 - standard performance

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#### Insulation Value

2820/2820BK, 2821BK, 2864BK - R Factor – 2.9 (BTU units);  
R Factor – 0.445 (Watts units)  
1318, 1319 - R Factor – 2.2 (BTU units); R Factor – 0.39 (Watts units)  
1713/1713BL, 1714, 1728BL - R Factor – 1.5 (BTU units);  
R Factor – 0.26 (Watts units)  
5479, 5823, 6657 - 1.6 (BTU units); R Factor – 0.28 (Watts units)  
747 - R Factor – 1.5 (BTU units); R Factor – 0.28 (Watts units)

#### Weight; Square Feet/Carton

747 – 1.09 LBS/SF; 64 SF/CTN  
1728BL – 0.70 LBS/SF; 64 SF/CTN  
8200T10 – 0.09 LBS/SF; 48 SF/CTN  
5479, 5823 – 0.22 LBS/SF; 48 SF/CTN  
2821BK – 1.0 LBS/SF; 48 SF/CTN  
2864BK – 1.0 LBS/SF; 72 SF/CTN  
2820/2820BK – 1.0 LBS/SF; 40 SF/CTN  
1318, 1319 - 1.08 LBS/SF; 48 SF/CTN  
1713, 1713BL - 1.31 LBS/SF; 48 SF/CTN  
1714 - 1.38 LBS/SF; 64 SF/CTN