

# Custom SOUNDSOAK®

## Acoustical Wall Systems



Custom Soundsoak 58" x 40" panels in Lido™ Oak Bluffs with radiused edges



Custom Soundsoak in Lido Bryce Canyon with mitered edges

### Key Selection Attributes

- Flat capabilities up to 4' wide and 10' high on 1" and 2" thick fiberglass panels
- 2" custom panel capability provides more sound absorption with NRC of 1.05
- Impact-resistant panels available for applications that need improved durability and tackability
- Customer-specific fabrics can be considered from manufacturers like Maharam, Carnegie, Design-Tex and Knoll
- Enhance acoustics with sound diffusers available in multiple sizes, shapes and colors



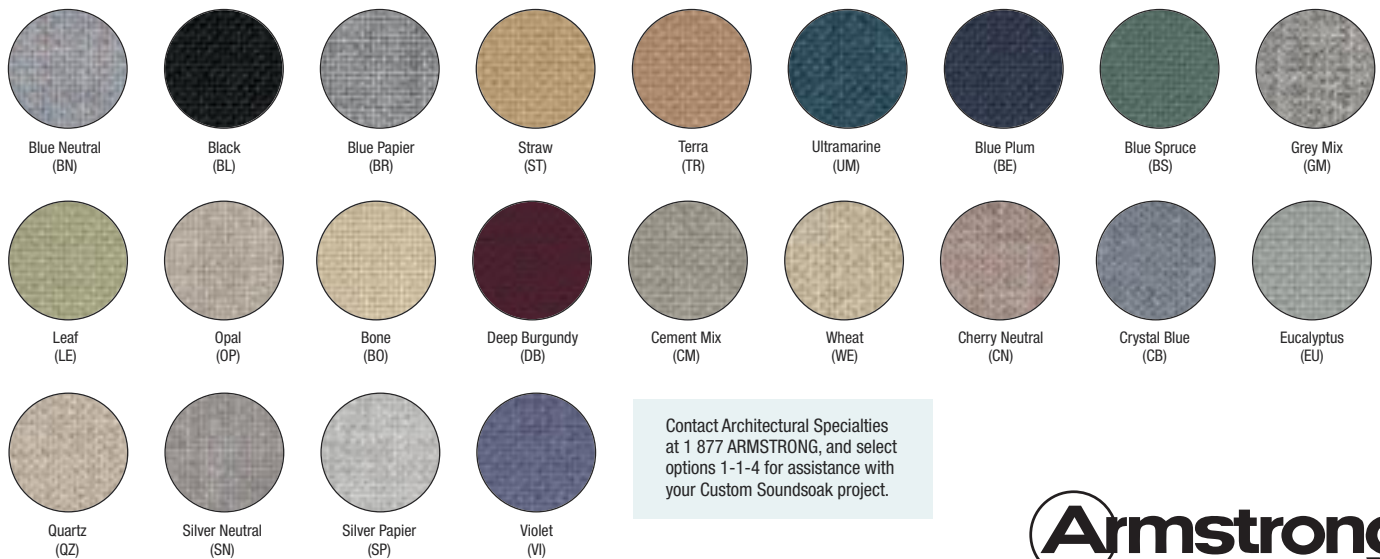
### Typical Applications

- Healthcare
- Office
- Education
- Hospitality and retail

### Standard Finishes Due to printing limitations, shade may vary from actual product.

#### Woven Fabric Surface

##### FR-701 (FR)



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Recycled Content: **82%**

### LEED® Credits

Energy	Waste Mgmt	Recycled Content	Local Materials	Renewable Materials	Daylight & Views
✓	✓	✓	Location Dependent	✓	

### LEED for Schools

Acoustics	Low Emitting/CHPS
✓	✓

### Physical Data

- Composite Class A fire performance rating with FR-701 fabrics (fabric, substrate, adhesive)
- Tested to ASTM E84 and CAN/ULC S102 – Flame Spread rating of 25 or less  
Smoke Developed 200 or less
- Recycled content: 82%

### Acoustical Performance

Thickness	NRC*
1"	0.80
2"	1.05

\* Acoustical performance may vary depending on the fabric used.

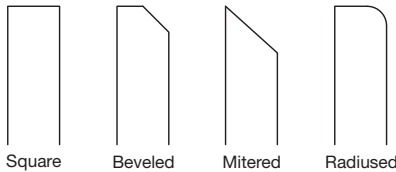
2" thick panels are designed to reduce noise and reverberation in spaces, especially those exposed to exterior transportation noise or interior equipment and appliance noise.

### Fabric Options

- Other fabrics, including standard Soundsoak Woven fabrics from Lido™, Spinel™, Zirconia™ and Carrara™, as well as alternative non-woven fabrics, are available upon request.
- Fabrics from many companies can also be considered. Depending on the custom fabric request, acoustical and fire performance may vary. Customers may have to supply alternative fabrics for evaluation.

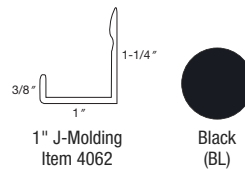
### Edge Details

Fabric-wrapped edge profile options on custom panels include: square, beveled, mitered and radiused.





### Flexible Installation

- Adhesive
- Z-clips
- Impaling Clips
- J-Moldings



### Sound Diffusion Accessories

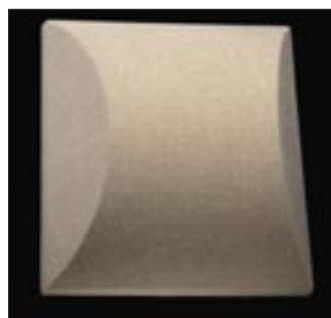
NEW Sound Diffusers	Item Number*	Description	Dimensions Nominal W x L x H	Finish	Acoustics NRC
 Wall Mount	5378WMWH	Pyramid Diffuser	2' x 2' x 8"	White gelcoat	0.10
	5378WMFR_	Pyramid Diffuser	2' x 2' x 8"	Fabric FR-701	0.15
	5584WMWH	Pyramid Diffuser	2' x 4' x 8"	White gelcoat	0.10
	5584WMFR_	Pyramid Diffuser	2' x 4' x 8"	Fabric FR-701	0.15
	5586WMWH	Pyramid Diffuser	4' x 4' x 8"	White gelcoat	0.10
	5586WMFR_	Pyramid Diffuser	4' x 4' x 8"	Fabric FR-701	0.15
 Wall Mount	5379WMWH	Barrel Diffuser	2' x 2' x 8"	White gelcoat	0.10
	5379WMFR_	Barrel Diffuser	2' x 2' x 8"	Fabric FR-701	0.25
	5585WMWH	Barrel Diffuser	2' x 4' x 8"	White gelcoat	0.10
	5585WMFR_	Barrel Diffuser	2' x 4' x 8"	Fabric FR-701	0.25
	5587WMWH	Barrel Diffuser	4' x 4' x 8"	White gelcoat	0.10
	5587WMFR_	Barrel Diffuser	4' x 4' x 8"	Fabric FR-701	0.25

\* Insert two-letter color suffix for FR-701 fabric option on front page. EXAMPLE: 5378WMFRBL for Black fabric

Note: 15/16" Tegular Diffusers available for ceiling installation. Visit [armstrong.com/diffusers](http://armstrong.com/diffusers) for details.



15/16" Tegular Ceiling Pyramid Diffuser in White gelcoat



Wall Mount Barrel Diffuser in Soundsoak FR-701 Quartz fabric

For assistance with your Custom Soundsoak project, contact Architectural Specialties at 1 877 ARMSTRONG and select options 1-1-4.