SOUNDSOAK®

Acoustical Wall Systems

Soundsoak® Acoustical Wall System 2' x 6' panels in FR-701 Eucalyptus fabric

Key Selection Attributes

- Available in two substrates, 48 fabric/vinyl colors and a wide range of sizes
- Acoustical inner core absorbs 50-90% of sound striking the surface
- 3 to 6 times the sound absorption of fabric-covered gypsum
- Easy to install over existing walls
- Can help contribute to LEED® credits
- Wide variety of chair rail accessories to enhance design and increase durability
- Custom Soundsoak panels available for increased flexibility
- **NEW** • Enhance acoustics with Soundsoak Baffles and Diffusers available in multiple sizes, shapes, and colors; for information on Baffles, visit armstrong.com/baffles
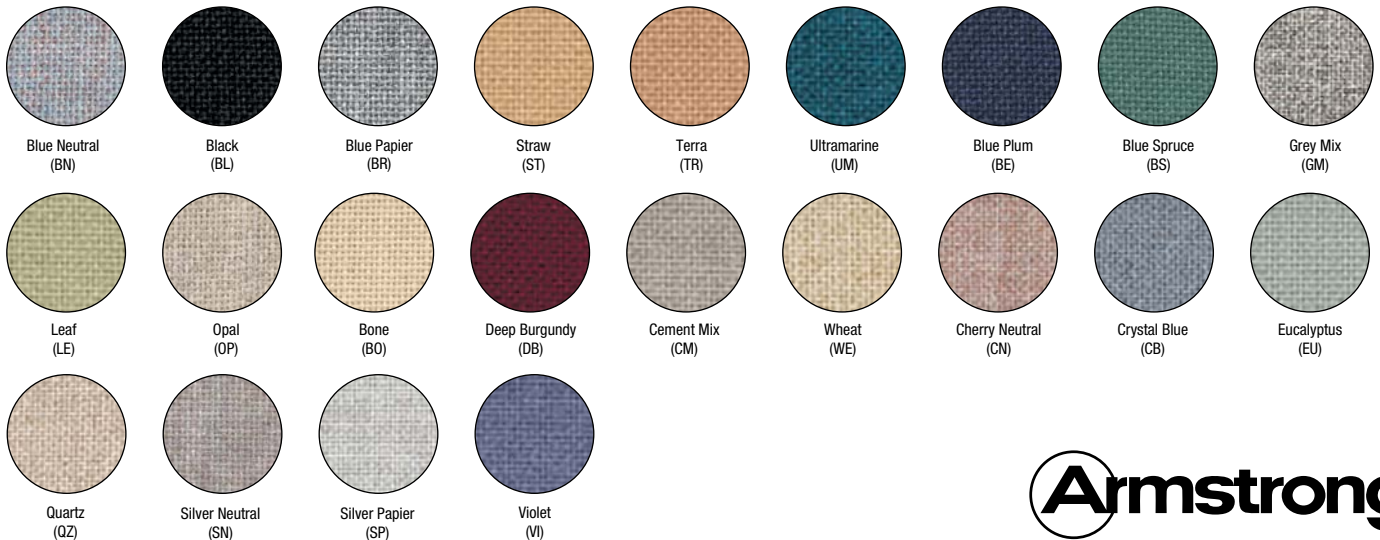

Soundsoak Baffles 2' x 4' in FR-701 fabrics; Custom Soundsoak Walls 3.5' x 3.5' in FR-701 Silver Papier fabric

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

Woven Fabric Surface

Available in Mineral Fiber and Fiberglass substrates and on custom fiberglass panels.

FR-701 (FR)

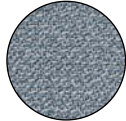|								
Blue Neutral (BN)	Black (BL)	Blue Papier (BR)	Straw (ST)	Terra (TR)	Ultramarine (UM)	Blue Plum (BE)	Blue Spruce (BS)	Grey Mix (GM)
Leaf (LE)	Opal (OP)	Bone (BO)	Deep Burgundy (DB)	Cement Mix (CM)	Wheat (WE)	Cherry Neutral (CN)	Crystal Blue (CB)	Eucalyptus (EU)
Quartz (QZ)	Silver Neutral (SN)	Silver Papier (SP)	Violet (VI)					

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Woven Fabric Surface

Lido™ (LD)

| Bryce Canyon (BC) | Balboa (BA) | Hermosa (HE) | Oak Bluffs (OB) | Padre (PA) |
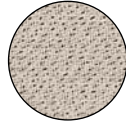
For information about custom options, view the Custom Soundsoak data page, CS-3888, visit armstrong.com/walls or contact Architectural Specialties at 1 877 ARMSTRONG, select options 1-1-4.
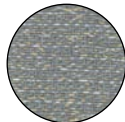
Spinel™ (SP)

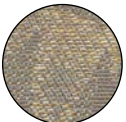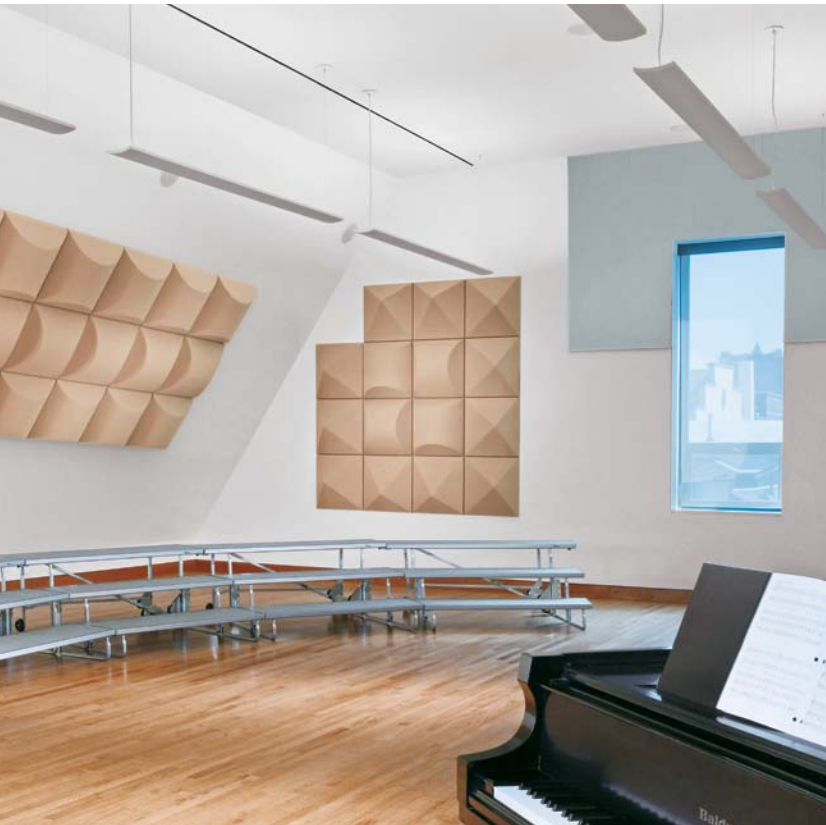| Tiger Eye (TE) | Emery (EM) | Opal (OP) | Peridot (PD) | Sandstone (SS) |

Zirconia™ (ZC)
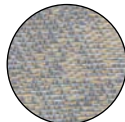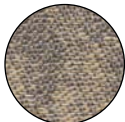
| Tiger Eye (TE) | Emery (EM) | Guilden (GU) | Opal (OP) | Sandstone (SS) |

Wall Mount Pyramid and Barrel Sound Diffusers in Soundsoak FR-701 Straw fabric with Soundsoak Wall System 2' x 6' panels in Soundsoak FR-701 Eucalyptus fabric

Composed Fabric Surface

Rhythms (evenly spaced grooves) and Soundsoak (randomly spaced grooves) panels are available in Mineral Fiber and Fiberglass substrates and all 8 colors below.

Rhythms® (RH)

| Blue Mauve (BM) | Flagstone (FL) | Mist (MI) | Pearl Grey (PG) |

Soundsoak (SK)

| Desert Sand (DS) | Frost Blue (FB) | Oatmeal (OA) | Summer Wheat (SW) |

Vinyl Surface   Mineral Fiber Substrate only

Signature (SV)   **Classic (CV)**

| Concrete (CC) | Sand (SA) | Linen (LN) |

Colored fabrics are dye-lotted and should be segregated by dye lot. Do not mix.

NOTE: Standard Soundsoak panel item numbers include references to size, fabric, and substrate. Consult your price list or contact TechLine for assistance with identifying item numbers.

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Recycled Content: 77% Vinyl, 67% Mineral Fiber, 52% Fiberglass

LEED® Credits

Energy	Waste Mgmt	Recycled Content	Local Materials	Renewable Materials	Daylight & Views
	✔	✔	✔	✔	

Location Dependent

LEED for Schools

Acoustics	Low Emitting or CHPS
✔	✔

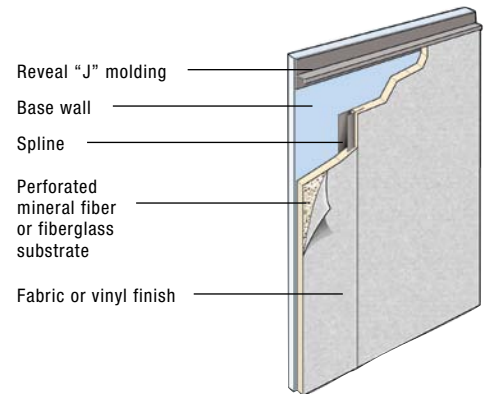## Acoustical Performance

NRC Ratings	A Mounting	D Mounting
Soundsoak 60 (MF)* - Rhythms®, Lido™, Spinel™, Zirconia™, FR-701	0.65	0.75
Soundsoak 60 (MF)* - Classic Vinyl, Signature Vinyl	0.50	0.50
Soundsoak 85 (FG)* - Rhythms, Lido, Spinel, Zirconia, FR-701	0.80	0.90

*MF – Mineral fiber substrate; FG – Fiberglass substrate

STC Ratings	5/8" drywall on 3-5/8" metal studs	5/8" drywall on 3-5/8" metal studs with R-11 fiberglass insulation in cavity
Standard drywall	38	44
One wall with Soundsoak 60*	43	52
Both walls with Soundsoak 60*	45	53

* STC levels for Soundsoak are tested with Soundsoak 60 Mineral Fiber substrate panels

Note: Acoustical performance is certified by Factory Mutual (FM). For more detailed acoustical information, visit our website at armstrong.com/soundsoak.

Reveal "J" molding

Base wall

Spline

Perforated mineral fiber or fiberglass substrate

Fabric or vinyl finish

Sustainable Design

Soundsoak Woven fabrics are constructed from 100% post-consumer recycled materials. The substrate's recycled composition is:

- Vinyl – 77%
- Mineral fiber – 67%
- Fiberglass – 52%

Standard Soundsoak wall panels meet the Collaborative for High Performance Schools (CHPS) low-emitting materials criteria. Standard Soundsoak can be used to achieve points in LEED for Schools under Environmental Quality EQ Credit 4 – Option 6.

The following is a list of Standard Soundsoak products that apply:

- Soundsoak 60 Wall Panels (all sizes and colors with the following fabric and vinyl surfaces: FR-701, Lido, Spinel, Zirconia, Rhythms, Soundsoak, Signature Vinyl, Classic Vinyl)
- Soundsoak 85 Wall Panels (maximum of 340 sq ft of wall coverage in standard classroom – all sizes and colors with the following fabric surfaces: FR-701, Lido, Spinel, Zirconia, Rhythms, Soundsoak)
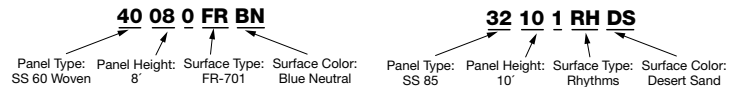
Fire Performance

- Factory Mutual Approvals certificate (Corner Burn Test meets UBC Standard 8-2 and NFPA 265, fully-lined protocol)
- MEA # 162-87-M
- Tested to ASTM E84 – 25/200
- Tested to CAN/ULC SIO2* – 25/250
- Composite Class A rating per IBC (fabric, substrate and adhesive)
- For more details on Soundsoak fire performance, visit our website at armstrong.com/soundsoak

* The ASTM E84 or CAN/ULC SIO2 standard should be used to measure and describe the properties of materials, products or assemblies in response to heat and flame under controlled laboratory conditions and should not be used to describe or appraise the fire hazard or fire risk of materials, products or assemblies under actual fire conditions. However, results of this test may be used as elements of a fire risk assessment, which takes into account all of the factors, which are pertinent to an assessment of the fire hazard of a particular end use. Values are reported to the nearest 5 rating.

Visual Selection

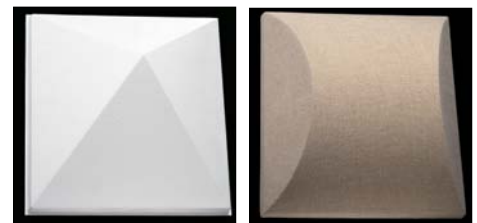| Item Number*	Description	Dimensions Panel Width	Panel Thickness	Panel Height Options	Surface Type	Surface Color
32 _ _ 1 _ _ _ _	Soundsoak 85 Woven/Composed Panel	24"	1"	6', 8', 9', 10'	FR, LD, SP, ZC, RH, SK	See pages 1 and 2
40 _ _ 0 _ _ _ _	Soundsoak 60 Woven/Composed Panel	30"	3/4"	6', 8', 9', 10'	FR, LD, SP, ZC, RH, SK	See pages 1 and 2
42 _ _ 0 _ _ _ _	Soundsoak 60 Vinyl Panel	24"	5/8"	6', 8', 9', 10'	SV, CV	See page 2

* Specify panel height, surface type and surface color when ordering. Use surface suffixes from pages 1 and 2. EXAMPLES:

40 08 0 FR BN

Panel Type: SS 60 Woven | Panel Height: 8´ | Surface Type: FR-701 | Surface Color: Blue Neutral

32 10 1 RH DS

Panel Type: SS 85 | Panel Height: 10´ | Surface Type: Rhythms | Surface Color: Desert Sand

Sound Diffusion Accessories

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

Pyramid Diffuser in White gelcoat

Barrel Diffuser in Soundsoak FR-701 Quartz fabric

◆ Insert two-letter color suffix for FR-701 fabric option on front page. EXAMPLE: 5378WMFR̲B̲L̲ for Black fabric

Note: 15/16" Tegular Diffusers available for ceiling installation. Visit armstrong.com/diffusers for details.

Note: Fabric-covered Sound Diffusers tested according to ASTM C423 E400 Mounting. Pyramids achieved NRC 0.15 and Barrels achieved NRC 0.20.

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Accessories

Moldings

	Item Number	Description	Lengths	Colors
	3856_ _ _ _†	Impact Corner	10'	See pages 1 and 2) (other info below)
	4062_ _**	1" J-Molding	10'	BL, GW, FG, LT, SA
	4064_ _**	3/4" J-Molding	10'	BL, GW, FG, LT, SA
	4065A	3/4" Low-Profile J-Molding	10'	BL

† Insert four-letter color suffix using surface type and color suffixes from pages 1 and 2. EXAMPLE: 3856 L D O B – Impact Corner Lido™ Oak Bluffs
** Insert two-letter color suffix. EXAMPLE: 4062 B L – 1" J-Molding in Black

J-Molding Colors

- Black (BL)
- Grid White (GW)
- Frost Grey (FG)
- Light Tone (LT)
- Sand (SA)

Chair Rails

	Item Number*	Description	Lengths	Colors	Substrate
	5861_ _	Mounting Rail	8'- 4"	MP, LC, DC, HG, XX	Solid Wood
	5862_ _	Rail Spacer for Soundsoak 85	8'- 4"	XX	Solid Wood
	5863_ _	Rail Insert	8'- 4"	MP, LC, DC, HG, BL, XX	Solid Wood
	5963NA	Rail Insert Aluminum Finish	8'- 0"	NA	Solid Wood and Aluminum
	5864_ _	Rail Cap	8'- 4"	MP, LC, DC, HG, XX	Solid Wood
	5865_ _	Extended Rail Cap for Soundsoak 85	8'- 4"	MP, LC, DC, HG, XX	Solid Wood
	5866_ _	Easel Ledge	8'- 4"	MP, LC, DC, HG, XX	Solid Wood

* Insert two-letter color suffix for all Chair Rail item orders, except 5963NA. EXAMPLE: 5861 H G – Mounting Rail in Mahogany
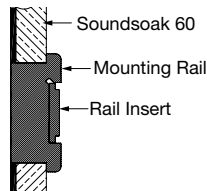NOTE: XX is unfinished wood, which can be field-painted.

Chair Rail Accessory Colors

- Maple (MP)
- Light Cherry (LC)
- Dark Cherry (DC)
- Mahogany (HG)
- Black (BL)
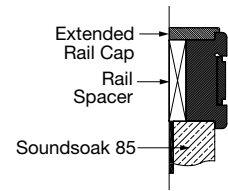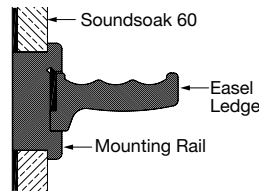- Aluminum Finish (NA)

Easy to Install

Soundsoak 60 panel with Chair Rail – Mounting Rail with Rail Insert

Soundsoak 60 panel with Chair Rail – Mounting Rail with Easel Ledge (field-painted)

Soundsoak 85 panel with Chair Rail – Mounting Rail with Rail Insert, Extended Rail Cap and Rail Spacer