SOUNDSOAK®
Acoustical Wall Systems

Key Selection Attributes

- Available in two substrates, in vinyl and a variety of fabric 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
- Mineral fiber substrates are tackable
- 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
- Enhance acoustics with Soundsoak Baffles and Diffusers available in multiple sizes, shapes, and colors; for information on Baffles, visit armstrong.com/baffles
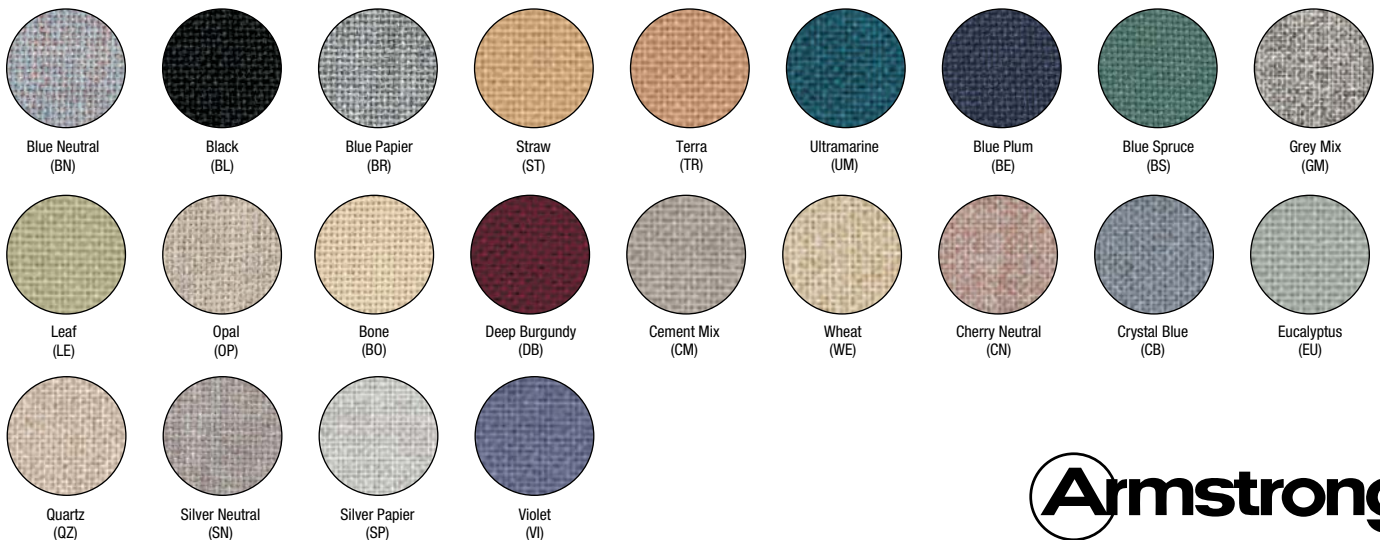
Soundsoak® Acoustical Wall System 24" x 72" panels in FR-701 Eucalyptus fabric

Soundsoak Baffles 24" x 48" in FR-701 fabrics; Custom Soundsoak Walls 42" x 42" 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)					

Armstrong®

SOUNDSOAK®

Acoustical Wall Systems

Woven Fabic Surface

Anchorage™ (AN)
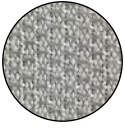
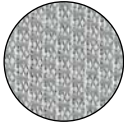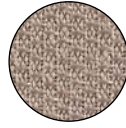| Angora (AG) | Vanilla (VN) | Goose (GS) | Birch (BR) |
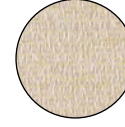
Metallation™ (MT)

| Chrome (CH) | Polished Pewter (PP) | Stainless (ST) | Stove Pipe (SP) | Welded Steel (WS) |

Lido™ (LD)
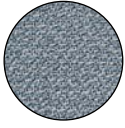
| Bryce Canyon (BC) | Balboa (BA) | Hermosa (HE) | Oak Bluffs (OB) |

Spinel™ (SP)

| Opal (OP) | Sandstone (SS) |
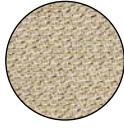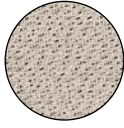
For information about custom options, view the Custom Soundsoak data page, BPCS-3888, visit armstrong.com/walls, or contact Architectural Specialties at 1 877 ARMSTRONG, select options 1-1-4.

Composed Fabric Surface

Colors are available in both Rhythms and Tempos but are only shown in one.

Rhythms® (RH)
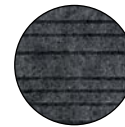
| Blue Mauve (BMB) | Mist (MIB) | Pearl Grey (PGB) |

Tempos™ (TS)

| Desert Sand (DSB) | Oatmeal (OAB) | Charcoal (CLB) |

Vinyl Surface Mineral Fiber Substrate only

Signature (SV)
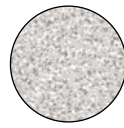
| Concrete (CCA) | Sand (SAA) |

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.

Wall Mount Pyramid and Barrel Sound Diffusers in Soundsoak FR-701 Straw fabric with Soundsoak Wall System 24" x 72" panels in Soundsoak FR-701 Eucalyptus fabric

SOUNDSOAK®
Acoustical Wall Systems

Acoustical Performance
Dots represent highest level of performance.

NRC Ratings

	A Mounting NRC	D Mounting NRC
Soundsoak 60 (MF)* – Rhythms®, Tempos™,	0.65	0.70
Anchorage™, Metallation™, Lido™, Spinel™, Zirconia™, FR-701	0.65	0.75
Soundsoak 60 (MF)* – Signature Vinyl	0.50	0.50
Soundsoak 85 (FG)* – Rhythms, Tempos,	0.80	0.90
Anchorage, Metallation, Lido, Spinel, Zirconia, FR-701	0.85	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
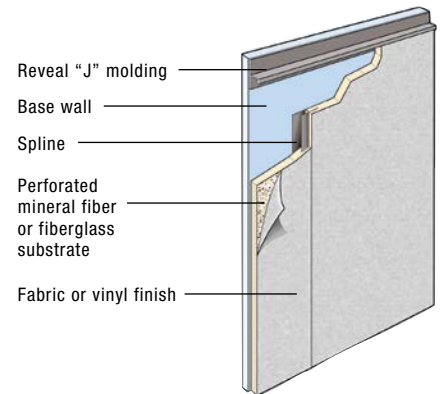
Sustainable Design

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: Rhythms, Tempos, Anchorage, Metallation, Lido, Spinel, Zirconia, FR-701, Classic Vinyl, Signature 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: Rhythms, Tempos, Anchorage, Metallation, Lido, Spinel, Zirconia, FR-701)

Fire Performance

- 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
- Some areas may require sprinklers when using Soundsoak panels, check local building codes.

* 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	Panel Width	Panel Thickness	Panel Height Options	Surface Type	Surface Color
32 _ _ 1 _ _ _ _ _	Soundsoak 85 Woven/Composed Panel	24"	1"	72", 96", 108", 120"	FR, AN, MT, LD, SP, ZC, RH, TS	See pages 1 and 2
40 _ _ 0 _ _ _ _ _	Soundsoak 60 Woven/Composed Panel	30"	3/4"	72", 96", 108", 120"	FR, AN, MT, LD, SP, ZC, RH, TS	See pages 1 and 2
42 _ _ 0 _ _ _ _ _	Soundsoak 60 Vinyl Panel	24"	5/8"	72", 96", 108", 120"	SV	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: 96"
- Surface Type: FR-701
- Surface Color: Blue Neutral

32 10 1 RH DSA
- Panel Type: SS 85
- Panel Height: 120"
- 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	24 x 24 x 8"	White gelcoat
	5378WMFR_ _	Pyramid Diffuser	24 x 24 x 8"	Fabric FR-701
	5584WMWH	Pyramid Diffuser	24 x 48 x 8"	White gelcoat
	5584WMFR_ _	Pyramid Diffuser	24 x 48 x 8"	Fabric FR-701
	5586WMWH	Pyramid Diffuser	48 x 48 x 8"	White gelcoat
	5586WMFR_ _	Pyramid Diffuser	48 x 48 x 8"	Fabric FR-701
Wall Mount	5379WMWH	Barrel Diffuser	24 x 24 x 8"	White gelcoat
	5379WMFR_ _	Barrel Diffuser	24 x 24 x 8"	Fabric FR-701
	5585WMWH	Barrel Diffuser	24 x 48 x 8"	White gelcoat
	5585WMFR_ _	Barrel Diffuser	24 x 48 x 8"	Fabric FR-701
	5587WMWH	Barrel Diffuser	48 x 48 x 8"	White gelcoat
	5587WMFR_ _	Barrel Diffuser	48 x 48 x 8"	Fabric FR-701

Pyramid Diffuser in White gelcoat
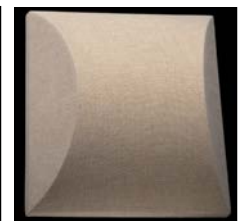
Barrel Diffuser in Soundsoak FR-701 Quartz fabric

◆ Insert 2-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 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.

SOUNDSOAK®
Acoustical Wall Systems

Accessories

Moldings

	Item Number	Description	Lengths	Colors
	3856_ _ _ _†	Impact Corner	120"	See pages 1 and 2) (other info below)
	4062_ _**	1" J-Molding	120"	BL, GW, FG, LT, SA
	4064_ _**	3/4" J-Molding	120"	BL, GW, FG, LT, SA
	4065A	3/4" Low-Profile J-Molding	120"	BL

† Insert 4-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 2-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	100"	MP, LC, DC, HG, XX	Solid Wood
	5862_ _	Rail Spacer for Soundsoak 85	100"	XX	Solid Wood
	5863_ _	Rail Insert	100"	MP, LC, DC, HG, BL, XX	Solid Wood
	5963NA	Rail Insert Aluminum Finish	96"	NA	Solid Wood and Aluminum
	5864_ _	Rail Cap	100"	MP, LC, DC, HG, XX	Solid Wood
	5865_ _	Extended Rail Cap for Soundsoak 85	100"	MP, LC, DC, HG, XX	Solid Wood
	5866_ _	Easel Ledge	100"	MP, LC, DC, HG, XX	Solid Wood

* Insert 2-letter color suffix for all Chair Rail item orders, except 5963NA. EXAMPLE: 5861 H G – Mounting Rail in Mahogany
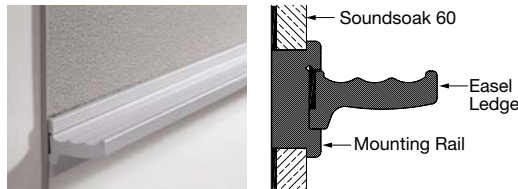NOTE: XX is unfinished wood, which can be field-painted.

Chair Rail Accessory Colors

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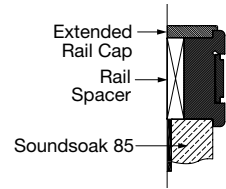- Aluminum Finish (NA)

Easy to Install
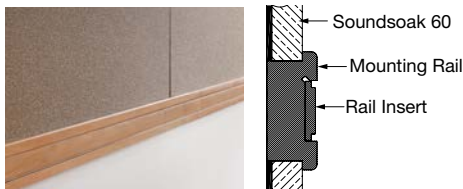
Soundsoak 60 panel with Chair Rail –
Mounting Rail with Rail Insert

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

Armstrong®