SOUNDSOAK® – Standard
Acoustical Wall Systems

Standard Finishes
Standard Soundsoak Acoustical Wall Panels are available in two substrates and 53 fabrics/vinyl colors.

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)

Violet (VI)  Bone (BO)  Deep Burgundy (DB)  Cement Mix (CM)  Wheat (WE)  Cherry Neutral (CN)  Crystal Blue (CB)  Eucalyptus (EU)

Grey Mix (GM)  Leaf (LE)  Opal (OP)  Quartz (QZ)  Silver Neutral (SN)  Silver Papier (SP)

Due to printing limitations, color may vary from actual product.
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 page 4 for assistance identifying item numbers.
**SOUNDSOAK®** – Standard Acoustical Wall Systems

**Woven Fabric Surface**
Available in Mineral Fiber and Fiberglass substrates and on Custom Fiberglass panels.

**LIDO (LD)**
- Bryce Canyon (BC)
- Balboa (BA)
- Hermosa (HE)
- Oak Bluffs (OB)
- Padre (PA)

**CARRARA (CA)**
- Casein (CS)
- Beeswax (BW)
- Crackleglaze (CG)
- Gesso (GE)
- Malachite (MA)

**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)

Due to printing limitations, color may vary from actual product.
Colored fabrics are dye-lotted and should be segregated by dye lot. Do not mix.

**Composed Fabric Surface**
Non-woven fabrics available in Mineral Fiber and Fiberglass Substrates (standard sizes only)
- Soundsoak 60/85 (random spaced grooves)
- Rhythms (evenly spaced grooves)

**RHYTHMS (RH) / SOUNDSoak (SK)**
- Blue Mauve (BM)
- Desert Sand (DS)
- Flagstone (FL)
- Frost Blue (FB)
- Mist (MI)
- Oatmeal (OA)
- Pearl Gray (PG)
- Summer Wheat (SW)
- Concrete (CC)
- Sand (SA)
- Linen (LN)

**Standard Vinyl Finishes**
Mineral Fiber Substrate only (standard sizes only)

**SIGNATURE (SV)**
- Concrete (CC)
- Sand (SA)

**CLASSIC (CV)**
- Linen (LN)

NOTE: Rhythms (RH) and Soundsoak (SK) patterns are available in all 8 colors shown above.

Due to printing limitations, color may vary from actual product.
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 page 4 for assistance identifying item numbers.
SOUNDSOAK® – Standard Acoustical Wall Systems

Soundsoak acoustical wall panels effectively control unwanted noise. The key feature of this engineered system is an acoustical inner core covered with your choice of woven fabric, composed fabric or easy-care vinyl.

Soundsoak acoustical wall panels absorb 50% to 90% of the sound striking the surface – 3 to 6 times the sound absorption of fabric-covered gypsum board typically used. Soundsoak 60 also minimizes sound transmission from space to space for increased speech privacy.

Broad Application
Soundsoak panels are ideal for use in commercial, institutional and educational buildings – anywhere noise reduction and sound privacy are a concern. They can be used in any room or hallway, even exit corridors. Unlike ordinary fabric covered wall panels, Soundsoak can be used in buildings without sprinklers.

Standard Sizes
Soundsoak acoustical wall panels are available in a wide range of sizes. Standard panel widths are 24”, 30” and 48”. Standard panel heights are 6′, 8′, 9′ and 10′.

- Panel widths and thicknesses:
  - Mineral fiber w/fabric – 30” wide, 3/4” thick
  - Mineral fiber w/vinyl – 24” wide, 5/8” thick
  - Fiberglass w/fabric – 24” wide, 1” thick

Standard Finishes
The product is available in two substrates and 53 fabrics/vinyl colors:

1. Woven Fabric Surface
   - Lido
   - Spinel
   - Zirconia
   - Carrara
   - FR-701

2. Composed Fabric Surface (a non-woven fabric made of 50% polyester & 50% polypropylene)
   - Rhythms (evenly spaced grooves)
   - Soundsoak 60/85 (randomly spaced grooves)

3. Vinyl Surface (Mineral fiber substrate only)
   - Classic
   - Signature

Custom Options
Custom Soundsoak acoustical walls offer more flexibility and expanded design options. Flat capabilities up to 4” wide and 10’ high are offered on 1” and 2” thick fiberglass panels. Panels can be manufactured to order for your project in square or rectangular shapes and sizes. In addition to the Woven fabrics listed on pages 1 and 2, customer-specific and alternative non-woven fabrics can be considered. Impact-resistant panels are also available. For more information, view the Custom Soundsoak data page, C5-3888.

Acoustical Choices
Soundsoak panels absorb 50% to 90% of sound striking the surface – reducing noise within a space and reducing noise transfer between spaces. Two types of substrate or acoustical core options are available:

1. Fiberglass for superior sound absorption in situations like perimeter walls or open plan applications.
2. Mineral fiber for excellent acoustical performance in situations like perimeter walls in open plan applications.

Acoustical Performance

<table>
<thead>
<tr>
<th>NRC Rating</th>
<th>Mounting A</th>
<th>Mounting D</th>
</tr>
</thead>
<tbody>
<tr>
<td>Soundsoak 60 (MF)</td>
<td>0.65</td>
<td>0.65</td>
</tr>
<tr>
<td>Soundsoak 85 (FG)</td>
<td>0.80</td>
<td>0.80</td>
</tr>
<tr>
<td>Rhythms 60 (MF)</td>
<td>0.65</td>
<td>0.65</td>
</tr>
<tr>
<td>Rhythms 85 (FG)</td>
<td>0.80</td>
<td>0.80</td>
</tr>
<tr>
<td>Lido 60 (MF)</td>
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<td>0.65</td>
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<tr>
<td>Lido 85 (FG)</td>
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</tr>
<tr>
<td>Spinel 60 (MF)</td>
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<td>0.65</td>
</tr>
<tr>
<td>Spinel 85 (FG)</td>
<td>0.80</td>
<td>0.80</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Fabric or vinyl finish</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Fiberglass 25%</td>
</tr>
<tr>
<td>2. Mineral fiber 65%</td>
</tr>
<tr>
<td>3. Spinel 80%</td>
</tr>
<tr>
<td>4. Zirconia 75%</td>
</tr>
</tbody>
</table>

Insulation Value
Mineral fiber – R 2.00, Fiberglass – R 4.00

Safety

- 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
- Composite Class A rating per IBC (fabric, substrate and adhesive)
- For more details on Soundsoak fire performance, visit our web site at armstrong.com/soundsoak

* The ASTM E84 or CAN/ULC S102 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 1 rating.

Warranty
Project specific one (1) year warranty available upon request. Visit armstrong.com/warranty for more information.
SOUNDSOAK® – Standard
Acoustical Wall Systems

Visual Selection

<table>
<thead>
<tr>
<th>Item #</th>
<th>Description</th>
<th>Panel Width</th>
<th>Panel Thickness</th>
<th>Panel Height Options</th>
<th>Surface Type</th>
<th>Surface Color</th>
</tr>
</thead>
<tbody>
<tr>
<td>32</td>
<td>Soundsoak 85 Woven/Composed Panel</td>
<td>24′</td>
<td>1′</td>
<td>6′, 8′, 9′, 10′</td>
<td>FR, LD, CA, SP, ZC, RH, SK</td>
<td>See pages 1 &amp; 2</td>
</tr>
<tr>
<td>40</td>
<td>Soundsoak 60 Woven/Composed Panel</td>
<td>30′</td>
<td>3/4′</td>
<td>6′, 8′, 9′, 10′</td>
<td>FR, LD, CA, SP, ZC, RH, SK</td>
<td>See pages 1 &amp; 2</td>
</tr>
<tr>
<td>42</td>
<td>Soundsoak 60 Vinyl Panel</td>
<td>24′</td>
<td>5/8′</td>
<td>6′, 8′, 9′, 10′</td>
<td>SV, CV</td>
<td>See pages 1 &amp; 2</td>
</tr>
</tbody>
</table>

*Moldings*

- 3856_ _ _ _ _ _ _ Impact Corner 10′ See pages 1 & 2
- 4062_ _ _ _ _ _ _ J-Molding 10′ BL, GW, FG, LT, SA
- 4064_ _ _ _ _ _ _ J-Molding 10′ BL, GW, FG, LT, SA
- 4065A _ _ _ _ _ _ Low-Profile J-Molding 10′ BL

**Insert four-letter color suffix using surface type and color suffixes from pages 1 and 2. EXAMPLE: 3856LDOB – Impact Corner Lido Oak Bluffs**

**Insert two-letter color suffix. EXAMPLE: 4062BL – 1″ J-Molding in Black**

**Accessories**

**Moldings**

- 3856_ _ _ _ _ _ _ Impact Corner 10′ See pages 1 & 2
- 4062_ _ _ _ _ _ _ J-Molding 10′ BL, GW, FG, LT, SA
- 4064_ _ _ _ _ _ _ J-Molding 10′ BL, GW, FG, LT, SA
- 4065A _ _ _ _ _ _ Low-Profile J-Molding 10′ BL

**Chair Rail Accessory Colors**

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

**Chair Rail Accessory Colors**

- 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: 5861HG – Mounting Rail in Mahogany**

**NOTE: XX is unfinished wood, which can be field-painted.**

Easy to Install