SOUNDSCAPES® Shapes

Acoustical Clouds
fine texture

Deliver acoustics in playful installations with angles, layers, shapes, sizes, and colors using our exclusive grouping frame kit to ensure alignment.

KEY SELECTION ATTRIBUTES
• Now available in triangle, trapezoid, and parallelogram shapes
• 360º panel finishing capability available
• Aesthetically define spaces with excellent acoustical performance up to 1.18 Sabins/SF
• High light reflectance for White panels – 0.90
• Quick to install from the deck, drywall, suspension system, or on a wall in adjustable heights and angles
• Excellent panel construction and innovative, pre-engineered grouping frames take the thinking and risk out of installation
• Grouping Frame Kit provides superior rigidity, perfect alignment, minimizes hanging points, ensures consistent panel spacing, and is engineered for use in DEF Seismic zones
• Adjustable to various heights and angles
• Select products included in the FAST134 program – ready to ship in 4 weeks or less

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

White (WH)
Shell (SH)
Pale Lemon (LM)
Pecan (PC)
Sky (SK)
Moss (MS)
Stone (SE)
Reef (RE)
Lagoon (LA)
Plum (PM)
Cranberry (CN)
Kiwi (KW)
Tangerine (TG)
Black (BK)
Custom Colors Available
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PANEL OPTIONS – 90 DEGREES  (shown in finish view from below ceiling)

<table>
<thead>
<tr>
<th>Item No.</th>
<th>Description</th>
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</tr>
</thead>
<tbody>
<tr>
<td>5440_</td>
<td>Square – 7/8&quot; thick panel</td>
<td>5444_</td>
<td>Hexagon – 7/8&quot; thick panel</td>
<td>5636_</td>
<td>Square 6&quot; Square cut Corner 7/8&quot; thick panel</td>
</tr>
<tr>
<td>5441_</td>
<td>Convex – 7/8&quot; thick panel</td>
<td>5445_</td>
<td>Trapezoid – 7/8&quot; thick panel</td>
<td>5448_</td>
<td>Small Rectangle – 7/8&quot; thick panel</td>
</tr>
<tr>
<td>5442_</td>
<td>Concave – 7/8&quot; thick panel</td>
<td>5635_</td>
<td>Square 6&quot; Radius cut Corner</td>
<td></td>
<td></td>
</tr>
<tr>
<td>5443_</td>
<td>Circle – 7/8&quot; thick panel</td>
<td></td>
<td></td>
<td>5449_</td>
<td>Large Rectangle – 7/8&quot; thick panel</td>
</tr>
</tbody>
</table>

FAST134 program items ready to ship from manufacturer in 4 weeks or less. Up-to-date lead times and product options (sizes and colors) at armstrongceilings.com/fast134

NOTE: Add 2-letter color suffix when specifying or ordering (e.g. 5440 W H for square panel in White). Concealed hardware with 360° finishing available on all shapes except Hexagon.

When grouping 90-degree shapes with the 5453D090 Frame Alignment Kit, you cannot combine with 60-degree shapes.

PANEL OPTIONS – 60 DEGREES  (shown in finish view from below ceiling)

<table>
<thead>
<tr>
<th>Item No.</th>
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</thead>
<tbody>
<tr>
<td>7101P01_</td>
<td>Parallelogram – 7/8&quot; thick panel</td>
<td>7101T01_</td>
<td>Triangle – 7/8&quot; thick panel</td>
<td>7101Z01_</td>
<td>Trapezoid – 7/8&quot; thick panel</td>
</tr>
</tbody>
</table>

NOTE: Add 2-letter color suffix when specifying or ordering (e.g. 7101P01 W H for square panel in White). When grouping 60-degree shapes with the 5453D060 Frame Alignment Kit, you cannot combine with 90-degree shapes.

CUSTOM SHAPES
Create your own shapes!
For assistance, call TechLine at 1 877 276-7876.

DESIGN IDEAS

| Item 5692 | Item 5693 | Item 5694 |
| 3'-10" | 3'-10" | 3'-10" |
| 3'-10" | 3'-10" | 3'-10" |
| R8-1/4" | R8-1/4" | R8-1/4" |
## ACCESSORY KITS  Applications always require more than one kit.

<table>
<thead>
<tr>
<th>Item No.</th>
<th>Description</th>
<th>Kit Contents</th>
</tr>
</thead>
<tbody>
<tr>
<td>5450</td>
<td>Deck Hanging Kit  &lt;br&gt;Allows for suspending individual shapes or grouping frames from deck and bottom end adjustment of height at panel or frame level.</td>
<td>(2) gripper structure anchors  &lt;br&gt;(2) gripper structure caps  &lt;br&gt;(2) 6' aircraft cables  &lt;br&gt;(2) bottom end cable adjusters  &lt;br&gt;(2) nuts with washers</td>
</tr>
<tr>
<td>7121</td>
<td>Angled Hanging Kit  &lt;br&gt;(80° maximum angle)</td>
<td>(2) angled hanging cables</td>
</tr>
<tr>
<td>625530</td>
<td>Extended Hanging Cables  &lt;br&gt;For use with deck hanging kit when longer cables are needed.</td>
<td>(4) 30' aircraft cables</td>
</tr>
<tr>
<td>7006</td>
<td>Escutcheon Kit  &lt;br&gt;Used when hanging panels below an existing ceiling.</td>
<td>(2) collars with setscrews  &lt;br&gt;(2) 2&quot; escutcheons</td>
</tr>
<tr>
<td>5451</td>
<td>Grouping Frames Kit  &lt;br&gt;Suspension frames used to group panels together.</td>
<td>(4) suspension frames, 12' long, Black (BL) or White (WH)</td>
</tr>
<tr>
<td>5452</td>
<td>Frame Splice Kit  &lt;br&gt;Connects group suspension frames for longer runs (&gt; 12 feet).</td>
<td>(2) group frame connectors, 10' long, Black (BL) or White (WH)  &lt;br&gt;(4) bolts with washers  &lt;br&gt;(4) nuts</td>
</tr>
<tr>
<td>5453</td>
<td>Frame Alignment Kit  &lt;br&gt;For use with group suspension frames.</td>
<td>(4) frame alignment spacers, clear plastic  &lt;br&gt;(4) bolts  &lt;br&gt;(4) nuts with washers</td>
</tr>
<tr>
<td>54530060</td>
<td>Frame Alignment Kit (60°)  &lt;br&gt;</td>
<td></td>
</tr>
<tr>
<td>54530900</td>
<td>Frame Alignment Kit (90°)</td>
<td></td>
</tr>
<tr>
<td>5454</td>
<td>Panel Hook Kit  &lt;br&gt;For use with group frames (one kit per all panels except item 5449, Large Rectangle, which requires two kits).</td>
<td>(2) 4-1/2&quot; high panel hooks, Black (BL) or White (WH)  &lt;br&gt;(2) 3-1/2&quot; high panel hooks, Black (BL) or White (WH)  &lt;br&gt;(8) bolts</td>
</tr>
<tr>
<td>5629</td>
<td>Multi-plane Hanging Kits  &lt;br&gt;For use when hanging panels at heights below Panel Hook Kit (5454).</td>
<td>5629  1&quot; Drop Hook Kit: (2) 4-1/2&quot; hooks  &lt;br&gt;(8) screws  &lt;br&gt;5630  2&quot; Drop Hook Kit: (2) 5-1/2&quot; hooks  &lt;br&gt;(8) screws  &lt;br&gt;5631  3&quot; Drop Hook Kit: (2) 6-1/2&quot; hooks  &lt;br&gt;(6) screws  &lt;br&gt;(2) 7-1/2&quot; hooks  &lt;br&gt;(6) screws</td>
</tr>
<tr>
<td>5630</td>
<td>Panel Hook Kit (5454).</td>
<td></td>
</tr>
<tr>
<td>5631</td>
<td>Panel Hook Kit (5454).</td>
<td></td>
</tr>
<tr>
<td>5632</td>
<td>Grid Hook Kit  &lt;br&gt;For hanging individual panels from a standard suspension system.</td>
<td>(4) hooks  &lt;br&gt;(6) screws</td>
</tr>
<tr>
<td>5633</td>
<td>Grid Hook Kit  &lt;br&gt;For hanging individual panels from a standard suspension system.</td>
<td></td>
</tr>
<tr>
<td>5650</td>
<td>Drywall Ceiling Hanging Kit  &lt;br&gt;For individual panel attachment to drywall.</td>
<td>(2) drywall clip assemblies  &lt;br&gt;(2) shoulder bolts</td>
</tr>
<tr>
<td>5588</td>
<td>Wall Hanging Kit  &lt;br&gt;For individual panel attachment to a wall.</td>
<td>(4) clip assemblies  &lt;br&gt;(4) shoulder bolts</td>
</tr>
</tbody>
</table>

**NOTE:** Accessory kit hardware is attached to panels via the metal extrusion or corner brackets on the back of each panel. The diagram on the right shows the location of extrusions and corner brackets in the back of a nominal 4' x 4' panel. See installation instructions BPLA-297302 for more details.

If you need assistance identifying what and how many accessory kits are needed for your project, please contact TechLine customer support at 1 877 276-7876.

◆ Indicate desired color using two-digit color code when ordering; BL = Black; WH = White
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HUNDREDS OF WAYS TO CONFIGURE SOUNDSCAPES® SHAPES PANELS

Individual Suspension

Individual Attachment to Drywall or Solid Surface

Group Suspension

ACCESSORY KITS  All accessory kits are ordered separately.

Deck Hanging Kit (5450)

Drywall Hanging Kit (5455)

Wall Hanging Kit (5588)

Items 5440 and 5448 in Tangerine

Three Items 5443 in White

Two Items 5441 and 5442 in White

PHYSICAL DATA

Material
7/8" thick fiberglass with DuraBrite® scrim on face and sides or custom 1-3/4" thick fiberglass with DuraBrite scrim on all sides (360° finishing). To order custom panels, contact TechLine at 1 877 276-7876.

Surface Finish
DuraBrite scrim with factory-applied paint on face and sides. Standard White has energy-saving, high light-reflective finish (LR 0.90). Back of panel is unfinished with embedded metal extrusions.

Fire Performance
SoundScapes® Shapes panel material is ASTM E84 Class A: Flame Spread 25 or under and Smoke Developed 50 or less.

CAN/ULC S102 surface burning characteristics.

Flame Spread Rating 25 or less, Smoke Developed Classification 50 or less.

SoundScapes Shapes acoustic clouds, as with other architectural features located in the ceiling plane, may obstruct or skew the existing or planned fire sprinkler water distribution pattern, or possibly delay the activation of the fire sprinkler or fire detection system. Consult a fire protection engineer, NFPA 13, and local codes for guidance on the proper installation techniques where fire detection or suppression systems are present.

ASTM E1264 Classification
Type X, Form 2, Pattern E

High Recycled Content
Contains greater than 50% total recycled content. Total recycled content based on product composition of post-consumer and pre-consumer (post-industrial) recycled content per FTC guidelines.

Acoustical Performance
Standard Shapes – 1.18 Sabins/SF; 360° Finished Shapes – 1.47 Sabins/SF; color shapes have slightly reduced acoustical performance.

Design Considerations
SoundScapes Shapes acoustic clouds maintain a natural sag that may be noticeable when installed 6" or less apart. Minimal deflection may occur.

SoundScapes Shapes available with 360° finishing for use in areas where panel back is exposed (can only be installed with included individual suspension).

Special care in installation and handling must be taken with color shapes to avoid surface damage to the paint finish.

Custom shapes are available by providing a custom shape drawing within guidelines and sending to TechLine. Call 1 877 276-7876 for assistance.

Seismic Restraint
Refer to ASCE 7-10, Section 13.5 Architectural Components for seismic requirements. Section 13.5, Item 2 refers to 13.2.3 Consequential Damage.

Suspension Systems
SoundScapes Shapes acoustical clouds are pre-assembled with metal extrusions in the back of the panels. Standard accessory kits facilitate quick and easy installation from the deck, through a ceiling, or directly attached to drywall. See Installation Instructions BPLA-297302 for installation details.

FAST134 Program Considerations
Size of Job Matters: Big jobs, over 2500 SF or 50 pieces for shapes/vertical elements will have longer lead times.

Location Matters: Transit time not included. We are ready to ship in 1 week on FAST1 items. However, transit to the states west of Wyoming may add time.

Distributor Truck Schedule Matters: We rely on distribution to help move products around the country. When speed matters, work with your local distributor to ensure FAST134 service. Stock vs Made-to-Order Matters: FAST3 & FAST4 items are made-to-order and will ship direct to distributor. FAST1 (stocked items) will go through distribution and depend on distributor truck schedules.

Warranty
Details at armstrongceilings.com/warranty

Panel Weight
90-Degree Shapes: 0.63 lbs/SF
7101P01: 11.1 lbs/pc
7101T01: 5.6 lbs/pc
7101Z01: 16.4 lbs/pc