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## BEFORE YOU BEGIN

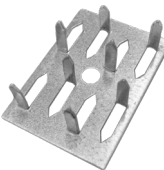
Please check to ensure you have all of the below items before you begin installation of your product.

### Items Supplied by Acoustics America

- Check that the quantities, colors and sizes of panels received match your order receipt.
- **Mounting Hardware:** based on your option selection.

### Mounting Option: Impaling Clips (Standard or Angled)

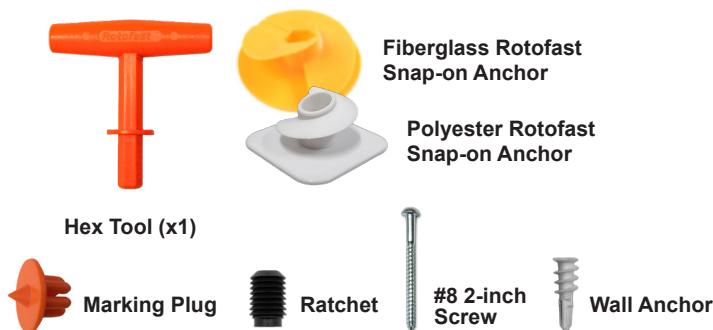
- Screws are not included with standard impaling clip option.
- Standard impaling clips require adhesive (available separately.)

| <br>Impaling Clip<br>(Standard)          | <br>Impaling Clip<br>(Angled) | Number of Clips (Based on Panel Size) Chart |            |           |            |           |          |
|---------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|---------------------------------------------|------------|-----------|------------|-----------|----------|
|                                                                                                                           |                                                                                                                | 12" x 12"                                   | 24" x 24"  | 48" x 12" |            |           | 2 Clips  |
|                                                                                                                           |                                                                                                                | 36" x 24"                                   | 36" x 36"  | 48" x 24" | 48" x 36"  | 48" x 48" | 4 Clips  |
|                                                                                                                           |                                                                                                                | 60" x 24"                                   |            |           |            |           |          |
|                                                                                                                           |                                                                                                                | 60" x 36"                                   | 60" x 48"  | 72" x 24" | 72" x 36"  | 72" x 48" | 6 Clips  |
|                                                                                                                           |                                                                                                                | 96" x 24"                                   | 96" x 36"  | 96" x 48" | 120" x 24" | 8 Clips   |          |
|                                                                                                                           |                                                                                                                | 120" x 36"                                  | 120" x 48" |           |            |           | 10 Clips |
| <br>Adhesive<br>(Available Separately) |                                                                                                                |                                             |            |           |            |           |          |

### Mounting Option: Rotofast Snap-On Anchors

- Rotofast Snap-on Anchors (Color based on core type. Yellow = Fiberglass, White = Polyester.)
- Ratchets, Screws and Wall Anchors (1 each, per installed Rotofast.)

| Anchor Counts (Based on Panel Size) Chart    |                         |                                                        |            |
|----------------------------------------------|-------------------------|--------------------------------------------------------|------------|
| 12" x 12"                                    |                         |                                                        | 1 Anchor   |
| Polyester Shapes (Circle, Triangle, Hexagon) |                         | 23.5" x 23.5"<br>24" x 21"<br>36" x 36"<br>36" x 31.5" | 2 Anchors  |
|                                              |                         | 47.5" x 47.5"<br>47" x 40"                             | 3 Anchors  |
|                                              |                         | 24" x 24"<br>36" x 24"                                 | 4 Anchors  |
|                                              |                         | 36" x 36"<br>48" x 12"                                 | 4 Anchors  |
| 48" x 48"                                    | 60" x 36"               | 60" x 48"                                              | 5 Anchors  |
| 60" x 24"                                    | 72" x 24"               | 72" x 36"                                              | 6 Anchors  |
| 72" x 48"<br>96" x 24"                       | 96" x 36"<br>120" x 24" | 120" x 36"                                             | 8 Anchors  |
| 96" x 48"                                    | 120" x 48"              |                                                        | 11 Anchors |



IF YOU ARE MISSING ANY REQUIRED ITEMS FROM YOUR ORDER,  
PLEASE CONTACT US ONLINE [HERE](#).



## **Panel Placement Tips**

Our panels are easily installed using numerous installation options, which are detailed on the following pages.

1. We recommend installing panels a minimum of a 3 inches away from each other, from walls or molding.
2. Panels should be kept a minimum of 12" away from ductwork and lighting so as not to interfere with airflow or light dispursement. This panel separation allows the sides of the panel to also absorb sound, which maximizes each panel's effectiveness and improves the aesthetics of the treatment. Placing panels closer together than 3" creates a crowded look and a less appealing "seam."
3. If flush mounting panels on the ceiling, ensure there are no sprinklers in the area.



## Mounting Method: Standard Impaling Clips

### Wall Mount Application

#### STEP 1

Determine where the panel(s) will be mounted to the wall. Lightly mark the wall where the top, bottom, left and right sides of the panel(s) will be installed. Painter's tape can be used to avoid leaving any permanent marks on your wall.

#### STEP 2

Mount impaling clips to the wall surface using the appropriate fastener based on the type of wall material. Impaling clips should be set in at least six inches from the outer edge of the panel to avoid interfering with the fabric on the back side of the panel.

#### STEP 3

Apply a golf ball sized amount of Loctite PowerGrab construction adhesive (sold separately) to the wall near each impaling clip. Applying the adhesive to the wall keeps the installation process cleaner and easier so this is preferred method. Do not apply the adhesive to the back of the panel. Note the grey areas in the diagram for proper application.

#### STEP 4

This is a critical step. Do not allow the adhesive to set before pressing the panel to the wall. Line up the panel to the marks on the wall and quickly press the panel into place onto the impaling clips. Follow instructions on the Power Grab adhesive to ensure that panel is mounted within allowable amount of time. Hold firm pressure for approximately one minute, and then slowly lighten pressure and make sure panel stays flush with wall. If the panel starts to move away from wall, apply more pressure until adhesive sets and holds panel in place.

#### STEP 5

Immediately verify that the panel is straight and plumb with a level. Impaling clips will hold the panel in place while the adhesive sets. Repeat this process for each panel you wish to install.

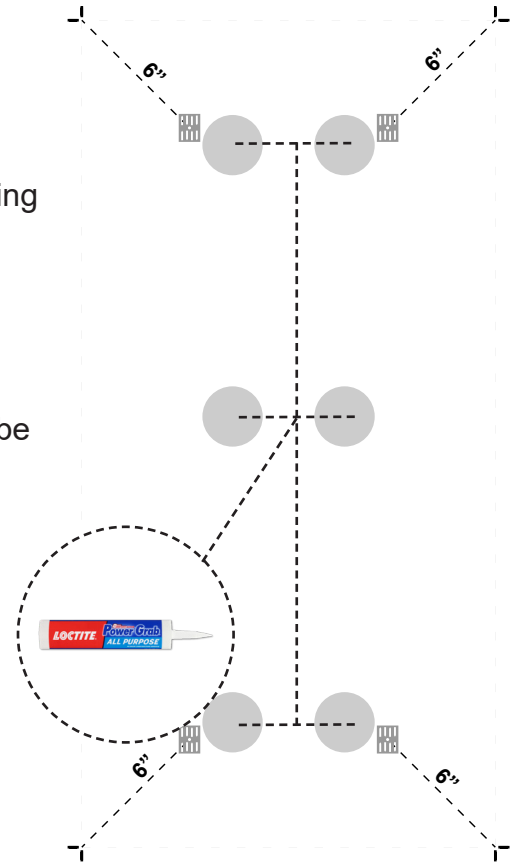
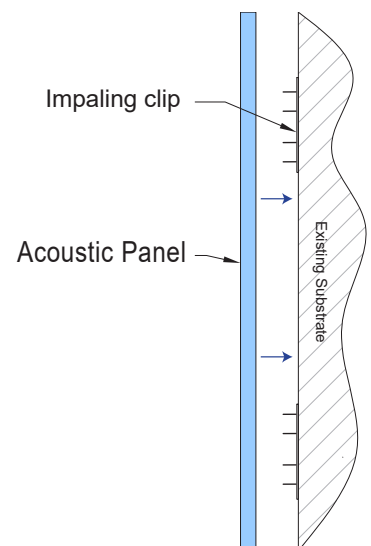


Illustration purposes only. Shown panel size is 72"x24" and uses 6 impaling clips. See Page 2 for required impaling clip count.



## Mounting Method: Angled Impaling Clips

### Wall Mount Application

#### STEP 1

Determine the location of where the panel(s) will be mounted to the wall.

Lightly mark both the wall where the angled impaling clips will be installed, as well as the edges of the panel.

**Notes:** ensure that the angled impaling clips are located at least 6" from the bottom or top edge of your panel.

Painter's tape can be used to avoid leaving any permanent marks on your wall.

#### STEP 2

Mount clips to the wall surface using the provided screws and drywall anchors.

**Note:** the angled impaling clips must always face in the "up" direction, as exemplified in the illustration.

If you are mounting these panels in the horizontal direction, ensure the clips are rotated appropriately.

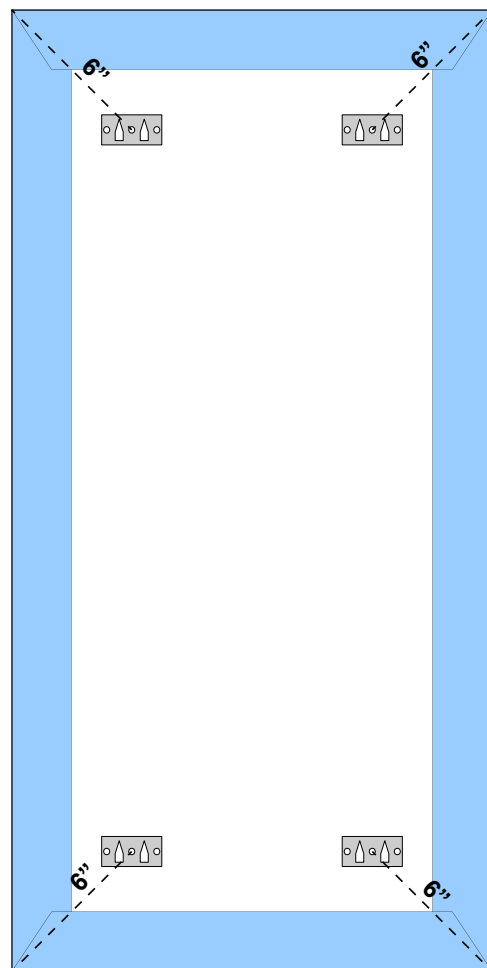
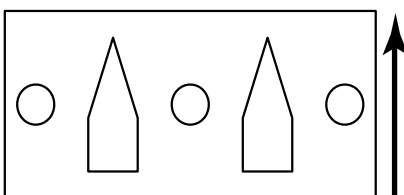


Illustration purposes only. Shown panel size is 48"x24" and uses 4 angled impaling clips. See Page 2 for required angled impaling clip count.

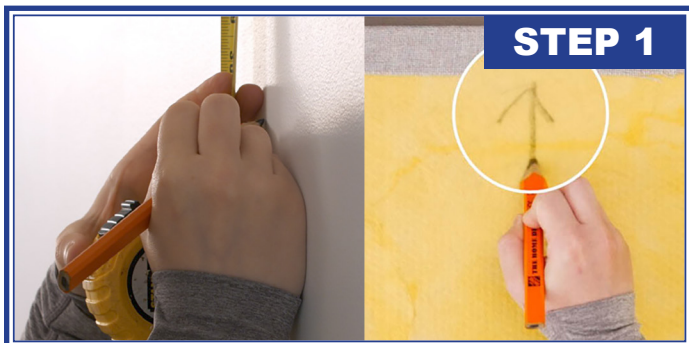
#### STEP 3

Line up the panel to the wall marks and firmly push the panel 'down and in' onto the angled impaling clips.

Applying pressure in the "down and in" direction (to match the angle of the clip which is piercing the panel) will ensure the best result.

Employ a level to verify the panel is straight and plumb. Repeat process for multiple panels.

### Mounting Method: Fiberglass Rotofast Snap-On Wall & Ceiling-Flush Mount Application



Measure and mark the locations where the panel will be placed. Mark the orientation on the back of the panel. Painter's tape can be used to avoid leaving any permanent marks on your wall.



See [Appendix A](#) for suggested Rotofast install locations based on your panel size. Screw Rotofast Snap-On Anchors into the back of the panel using the Hex tool. Do not over-tighten.



Insert marking plugs into the Snap-On Anchors.



Push the panel against the surface to mark anchor locations.



Screw ratchets to surface at marked locations. Flat end of ratchet goes against the wall, curved end faces out.



Firmly strike panel onto ratchets to complete the installation.

FOR INSTRUCTIONAL VIDEOS ON ROTOFAST INSTALLATION, CLICK [HERE](#).

## Mounting Method: Polyester Rotofast Snap-On Wall & Ceiling-Flush Mount Application

**STEP 1**

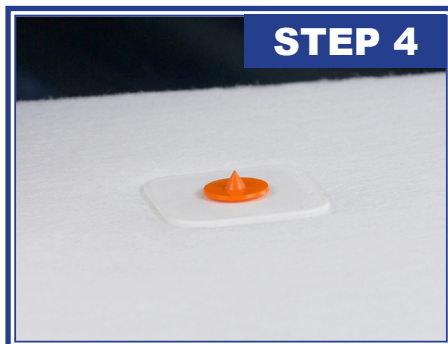
Measure and mark the location where panel will be placed and mark the orientation on the back of the panel.

**STEP 2**

Make a cut about 1-½" long by ¾" deep at each anchor location. It may take a few passes to complete the cut.

**STEP 3**

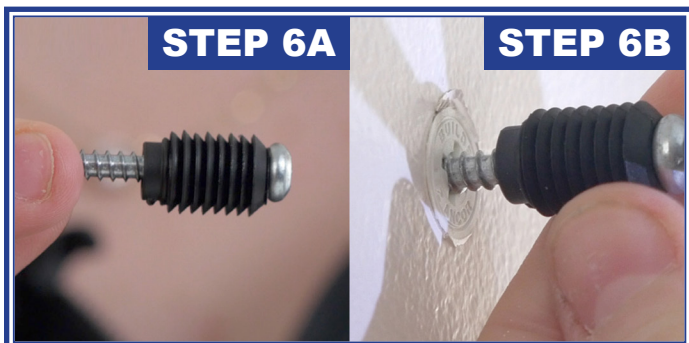
Screw Rotofast Snap-On Anchors into back of the panel using the Rotofast driver tool. Do not over-tighten.

**STEP 4**

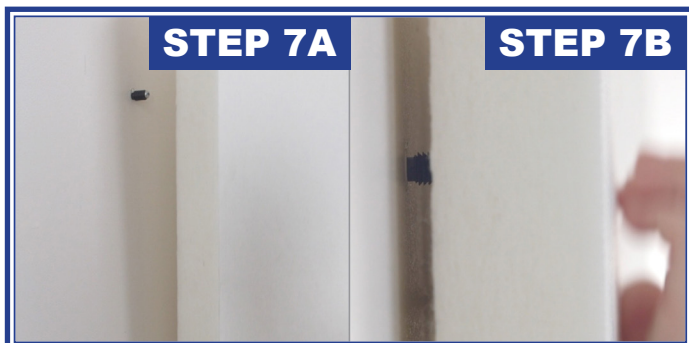
Insert reusable marking plugs into the Snap-On anchors.

**STEP 5**

Push panel against wall to mark anchor locations.

**STEP 6A****STEP 6B**

Screw ratchets to wall at marked locations. Flat end of ratchet goes against the wall, curved end faces out.

**STEP 7A****STEP 7B**

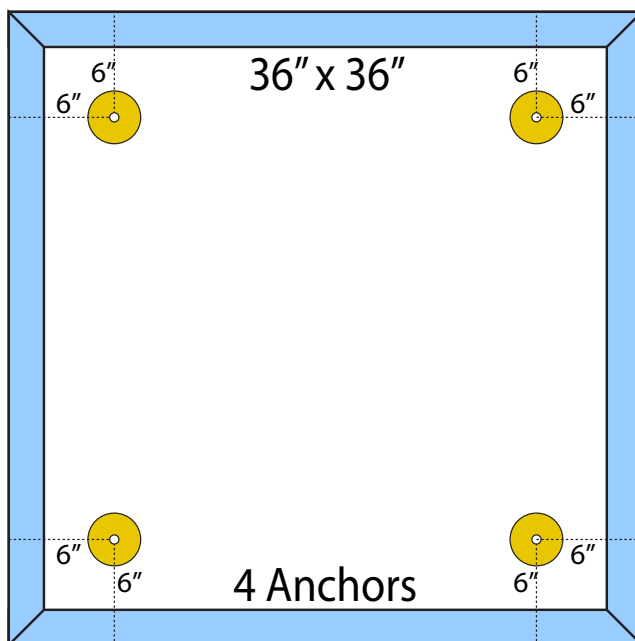
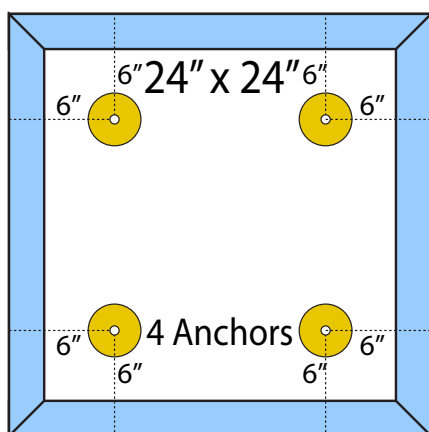
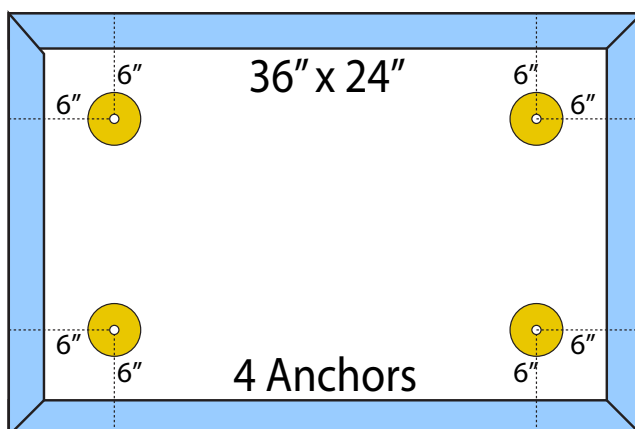
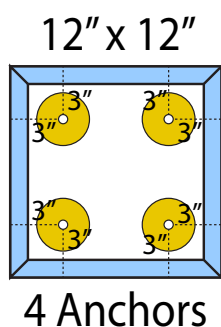
Firmly strike panel onto ratchets to complete the installation.

FOR INSTRUCTIONAL VIDEOS ON ROTOFAST INSTALLATION, CLICK [HERE](#).



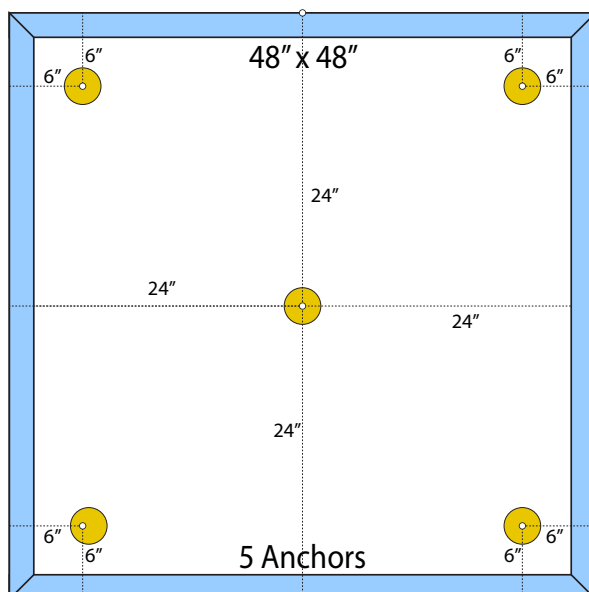
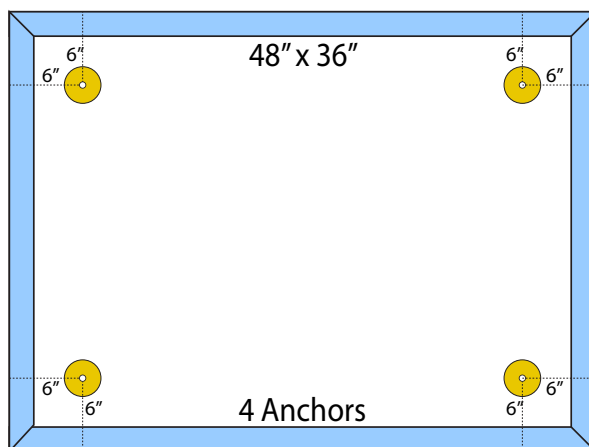
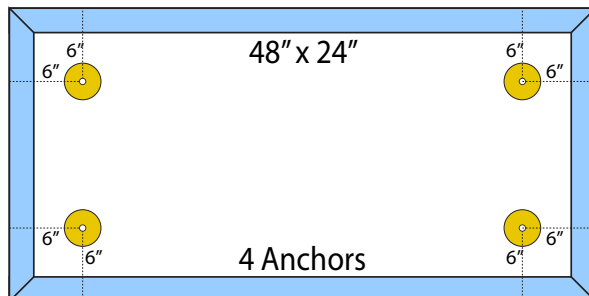
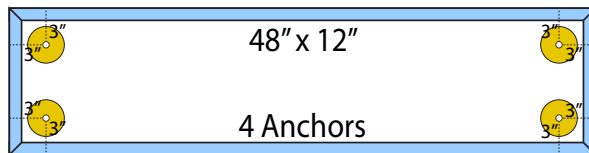
## Appendix A: Rotofast Snap-On Locations

Note: These are suggested locations for both fiberglass and polyester core panels. You may modify these locations to your preference based on your project requirements.



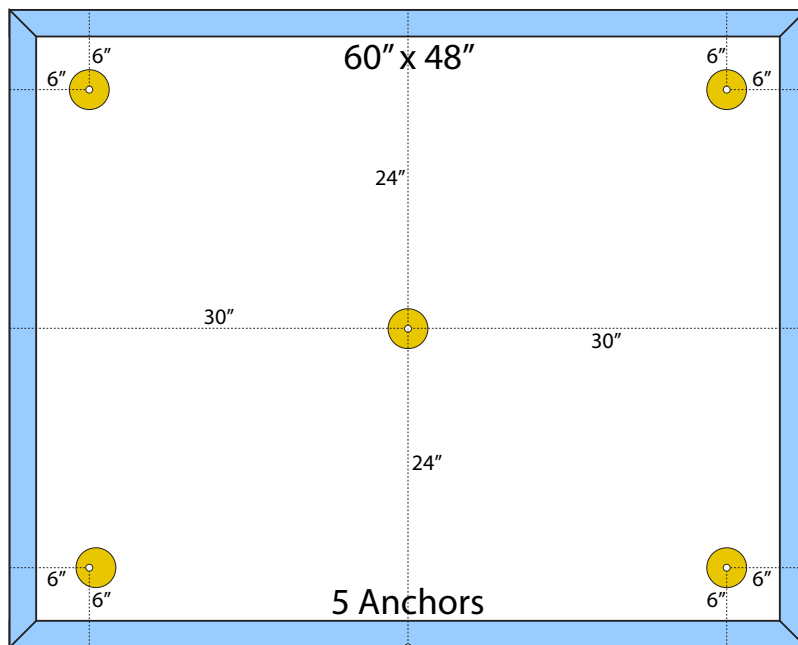
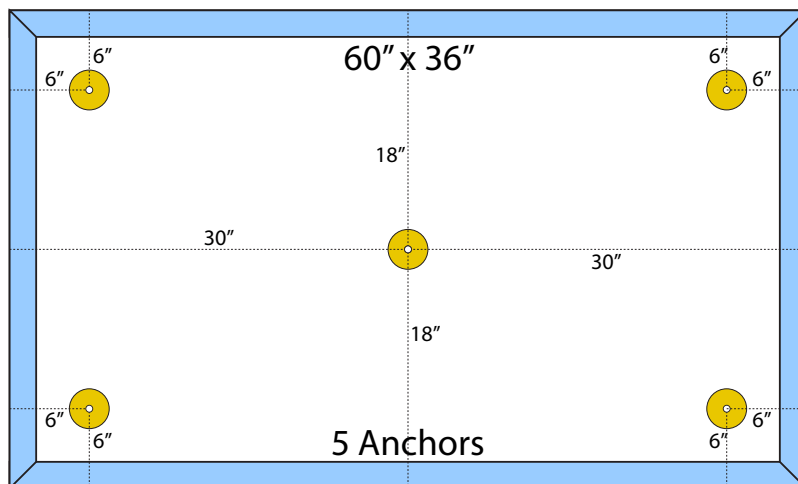
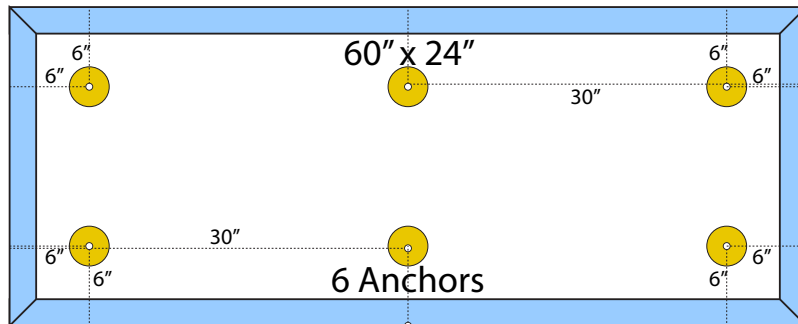


## Appendix A: Rotofast Snap-On Locations



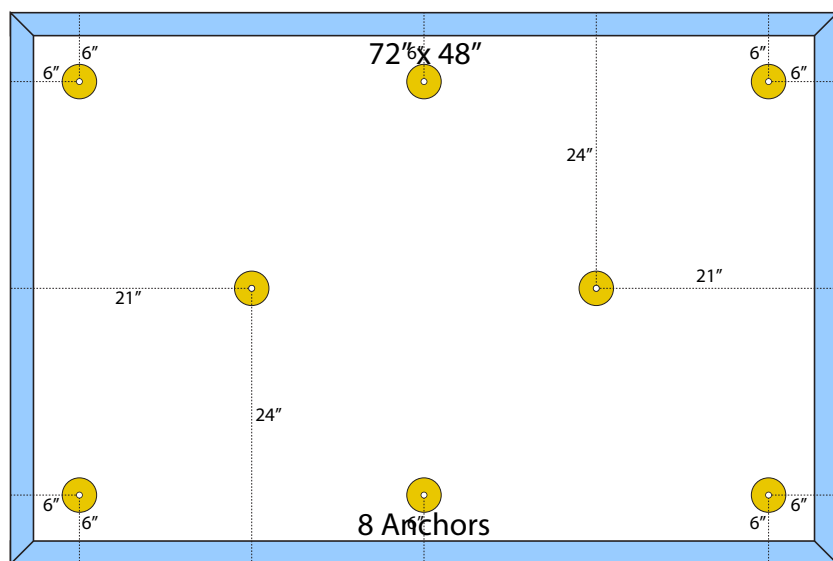
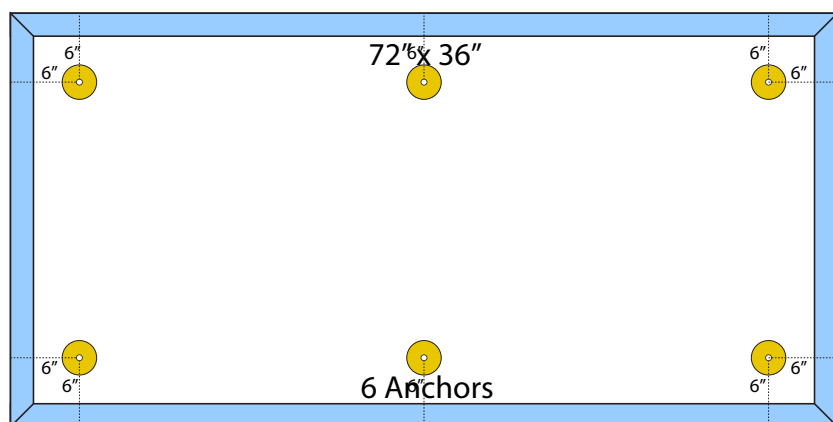
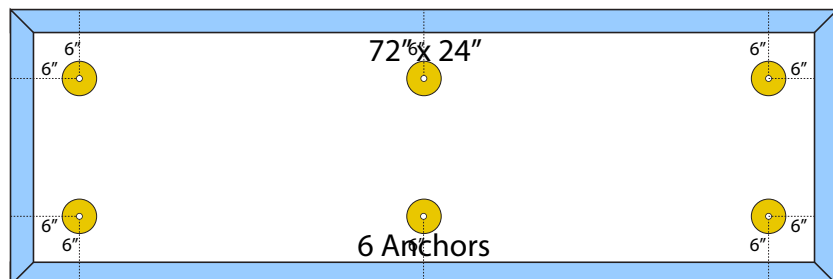


## Appendix A: Rotofast Snap-On Locations



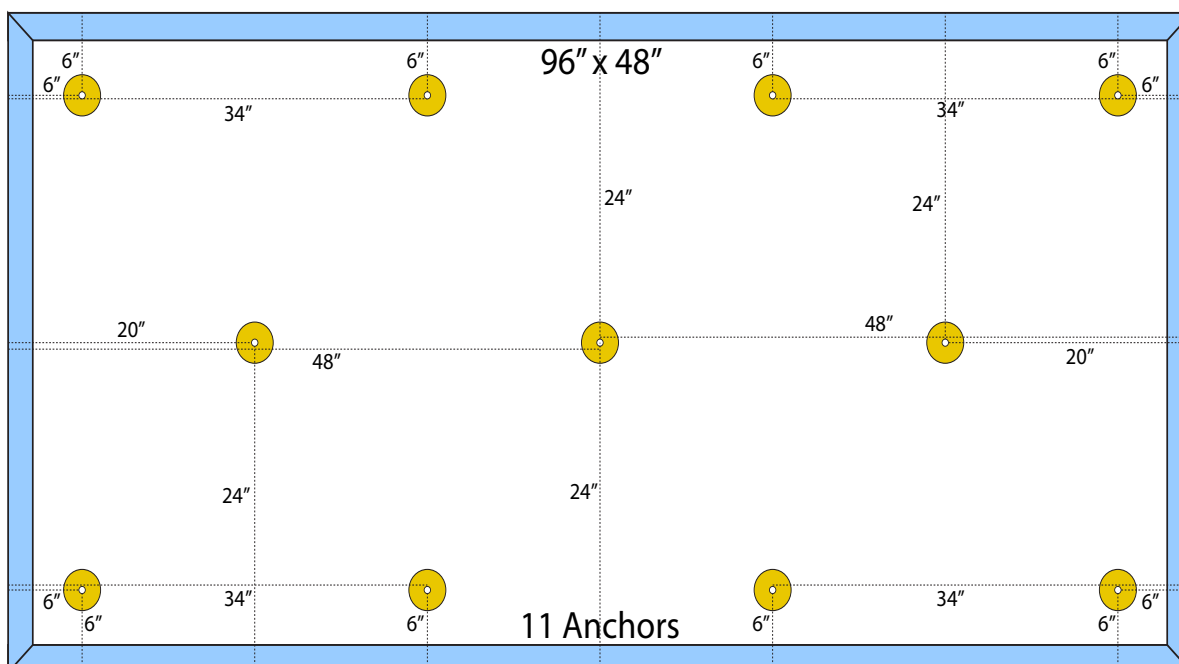
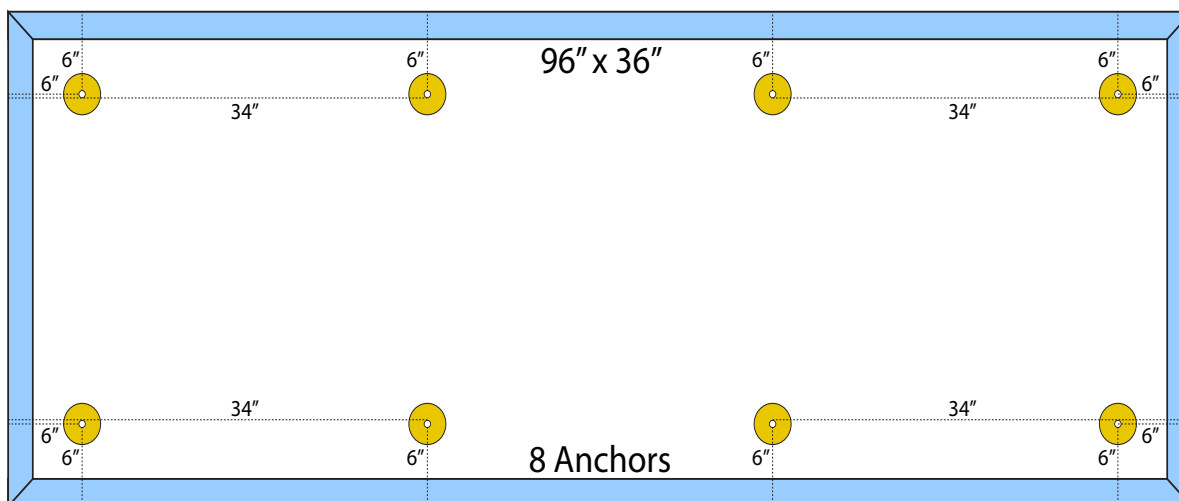
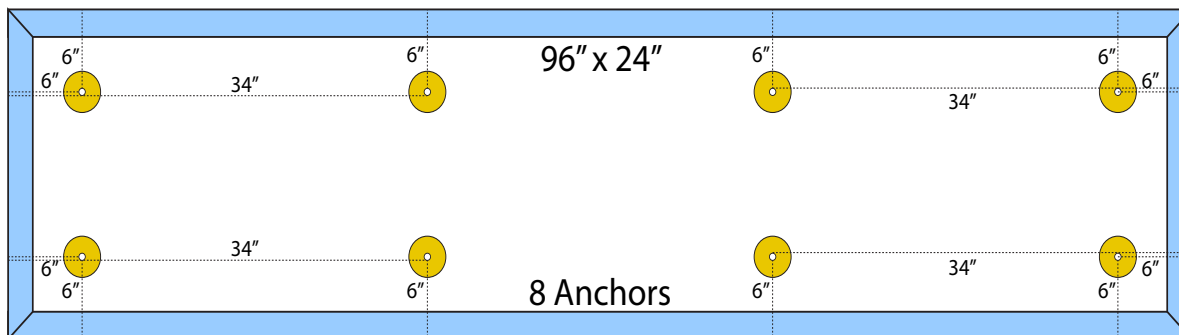


## Appendix A: Rotofast Snap-On Locations



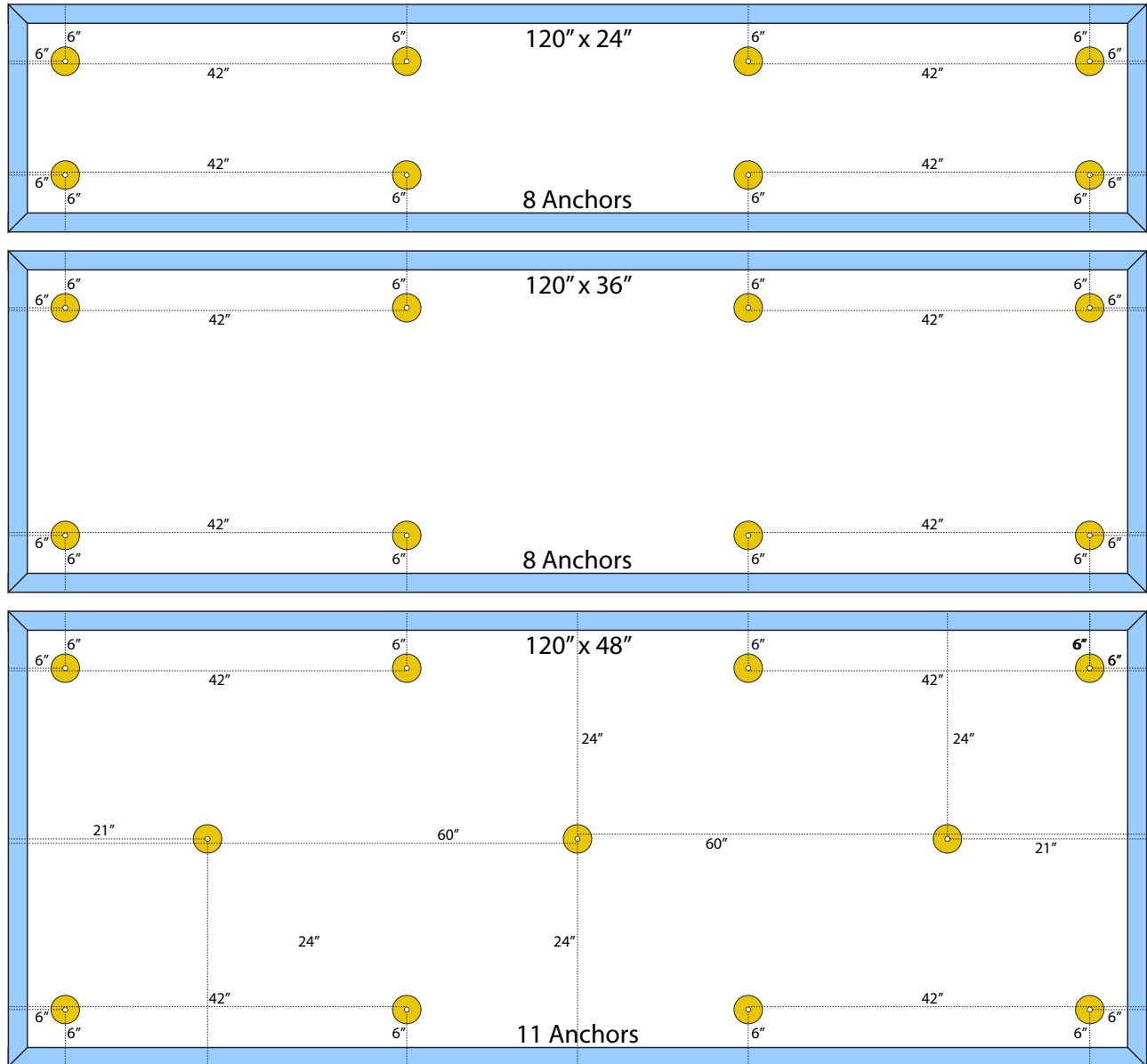


## Appendix A: Rotofast Snap-On Locations





## Appendix A: Rotofast Snap-On Locations

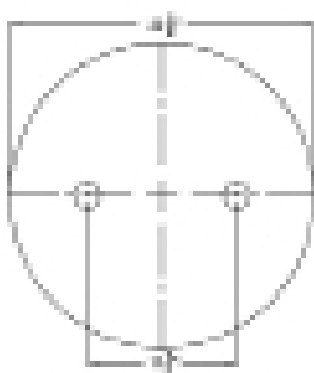




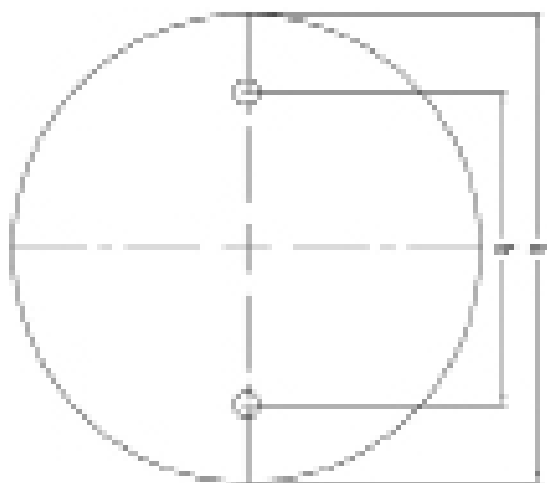
## **Rotofast Polyester Snap-on Anchor Layouts (Suggested)**

### **Wall-Mount Shapes: Circle**

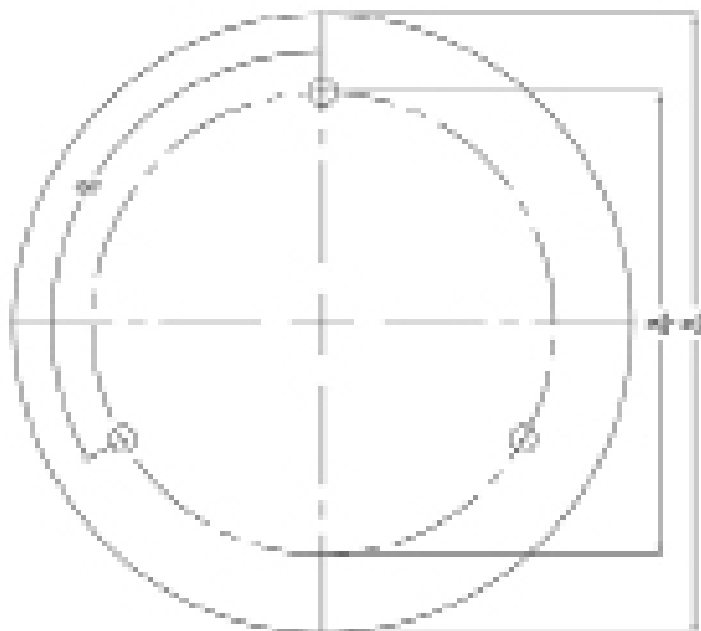
Note: These are suggested locations for polyester core shapes. You may modify these locations to your preference based on your project requirements.



**Circle (Small)**  
23.5" x 23.5"



**Circle (Medium)**  
36" x 36"



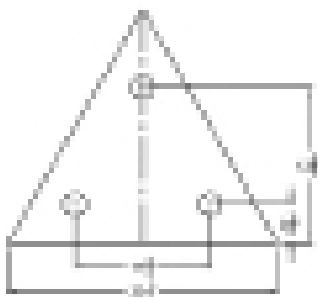
**Circle (Large)**  
47.5" x 47.5"



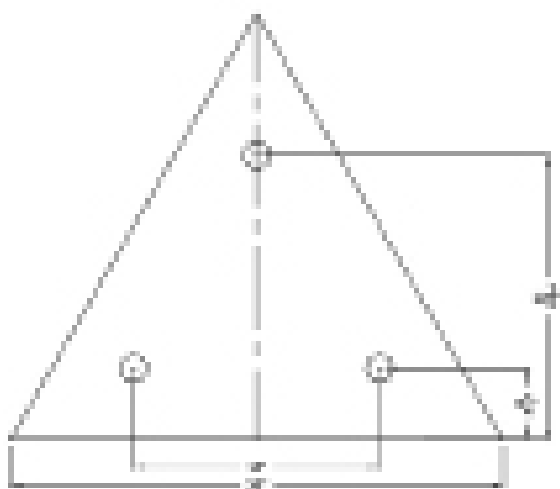
## Rotofast Polyester Snap-on Anchor Layouts (Suggested)

### Wall-Mount Shapes: Triangle

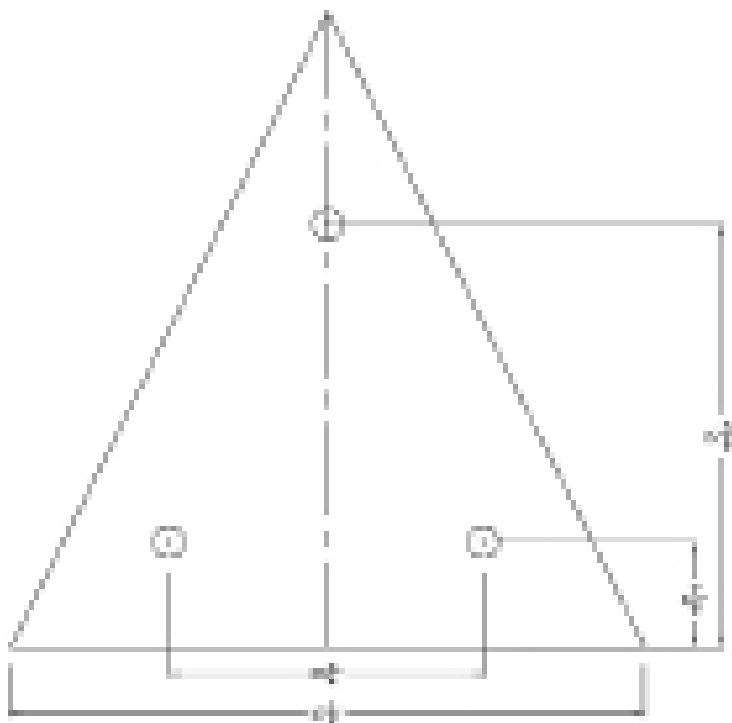
Note: These are suggested locations for polyester core shapes. You may modify these locations to your preference based on your project requirements.



**Triangle (Small)**  
23.5" x 23.5"



**Triangle (Medium)**  
36" x 36"



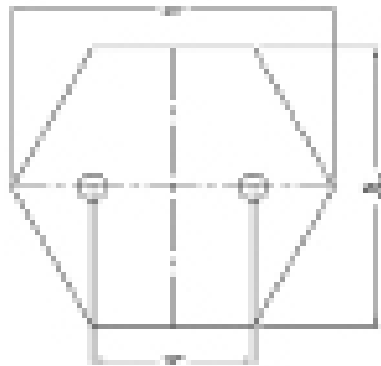
**Triangle (Large)**  
47.5" x 47.5"



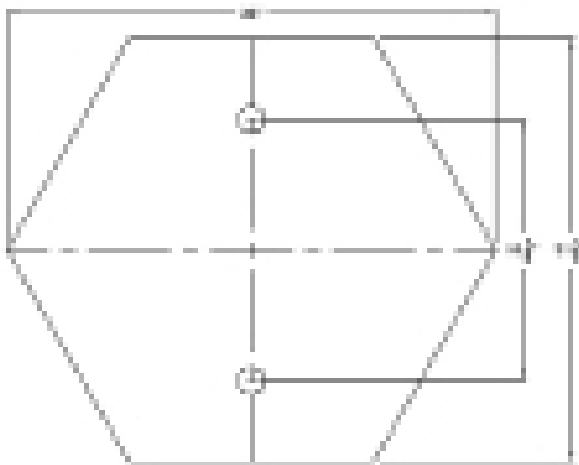
## Rotofast Polyester Snap-on Anchor Layouts (Suggested)

### Wall-Mount Shapes: Hexagon

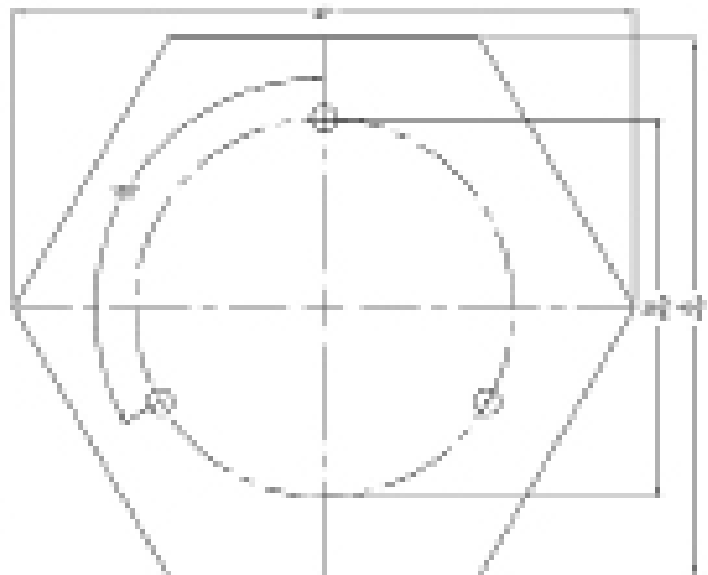
Note: These are suggested locations for polyester core shapes. You may modify these locations to your preference based on your project requirements.



**Hexagon (Small)**  
24" x 21"



**Hexagon (Medium)**  
36" x 31.5"



**Hexagon (Large)**  
47" x 40"



## Appendix B: Alternative Installation Options

### Furring Strips: Wall-Mount Application

You can utilize this installation method to correct for uneven wall surfaces. An added benefit of this method is that the air gap created behind the panel actually improves the acoustical absorption properties. It also provides an appealing, 3-D look to the installation.

#### STEP 1

As shown in the image, use a 2" x 4" block as a furring strip or furring block. If the wall is not level or square, you can trim down each 2" x 4" as needed (or add shims) to bring the face mounting surface to square.

#### STEP 2

Use appropriate drywall fasteners (screws) to attach the furring blocks to your wall, then attach impaling clips directly to the furring strip after mounting.

#### STEP 3

With the new square and flat-face mounting surface, you can now mount the panel to the impaling clips.

As with all installations of panels using impaling clips, do not forget to use adhesive.

