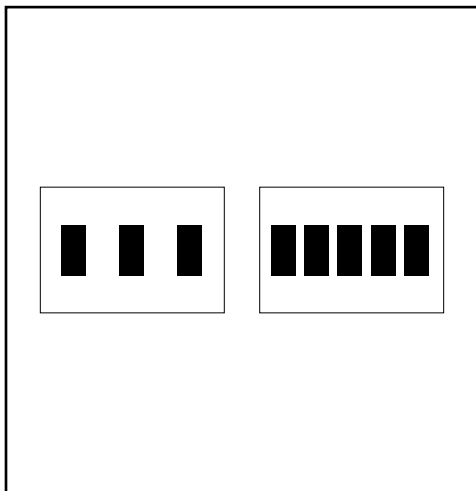


Wall Panels Installation Manual

Congratulations on purchasing Primacoustic Broadway panels. These fabric-covered, high-density, (6 lb per cubic foot) rigid glass wool panels are designed to control echo and absorb secondary reflections in any reverberant environment. Because Broadway panels are also Class-1 fire rated, they are ideally suited to provide effective acoustic control in applications as diverse as home-theatre, practice rooms, houses of worship, offices, call centres and broadcast studios.

Please take a few minutes to read this installation manual. Should you have any further questions or comments, we invite you to send an email to: info@primacoustic.com.

Installation Tips



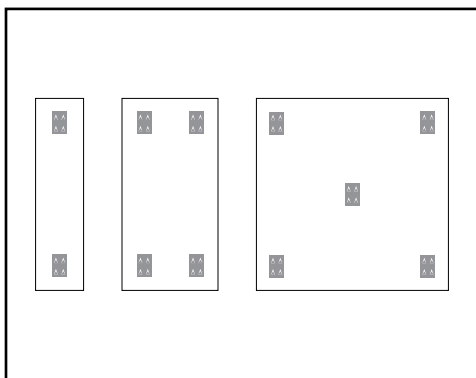
How many panels does your room require?

Although there are no set rules on how much treatment should be used, it is obvious that the more treatment you install, the more sound will be absorbed. Maximum effectiveness is achieved when panels are placed in corners where two walls meet, or where a wall and ceiling join. Ultimately, the amount you install and where it goes will also depend on factors such as windows, architectural demands and your room's intended purpose.

APPROXIMATE WALL COVERAGE REQUIRED BY ROOM TYPE:

- 10% - Budget: Echo reduction, general purpose coverage
- 15% - Light: Live music room, board room, commercial buildings, industrial spaces
- 25% - Normal: Recording studio tracking room, home theatre, music practice room
- 35% - Medium: Recording studio control room, on-air broadcast studio
- 45% - Dark: Noise control, voice-over booth

* Approximate figures only. Please consult a professional Acoustician for specific design parameters.



How many Impalers?

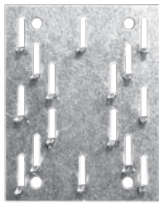
How many impaler clips to use per panel is up to you depending on the size of the Broadway panels you have selected and the degree of security you feel you need. The chart below shows the suggested number of impaler clips for the different Broadway panels sizes.

Panel Dimensions	Impalers
1 x 4' (305 x 1,219mm)	2
2 x 4' (610 x 1,219mm)	4
4 x 4' (1,219 x 1,219mm)	4/5

Hardware

Primacoustic Impalers

Primacoustic Impalers are designed to provide the installer with a simple and effective method of mounting Broadway panels onto walls. The mounting clips feature a series of sharp impaling heads that penetrate the panels for secure semi-permanent mounting without causing serious wall surface defacement.



Push-on Impalers

Galvanized steel plate with protruding darts for quick installation of panels. Simply push the panel onto the Impaler.

Recommended for situations where panels are clustered together, with little room between them.



Corner Impalers

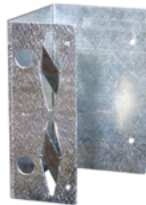
Wedge-shaped galvanized steel plate for mounting bass traps in the corners of a room.



Surface Impalers

Galvanized steel plate with protruding triangular darts which let you hang a panel like a picture.

Recommended for situations where panels are spread out, with sufficient room to angle the panel down onto the darts

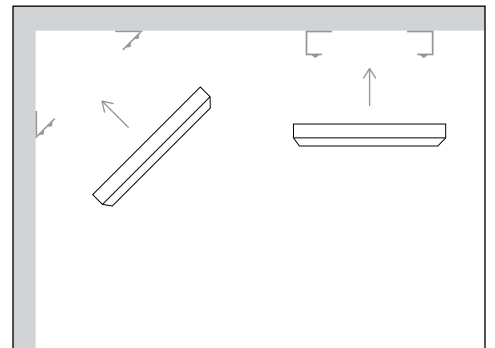
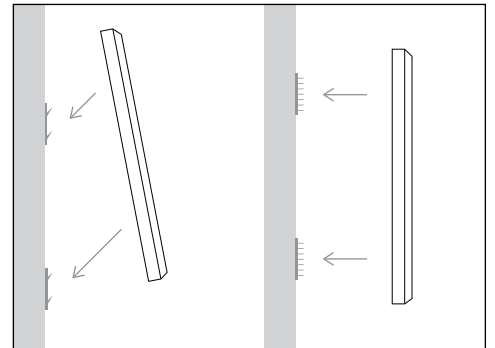


Offset Impalers

U-shaped galvanized steel plate with protruding darts for mounting panels with an air cavity behind them – increasing bass absorption.

Recommended Tools

- Bubble Level
- 48" Straight Edge
- Measuring Tape
- Drill
- Screwdriver
- Screws
- Plastic Drywall Anchors



Other Options

Perfect for installations where panels need to be mounted securely, **Rotofast Snap-On Anchors** lock the panel onto any flat surface. Simply twist the anchor into the panel using the included tool, and attach the corresponding locking pins to the wall. The panel clicks and locks onto these pins, providing secure wall installations in high traffic areas.

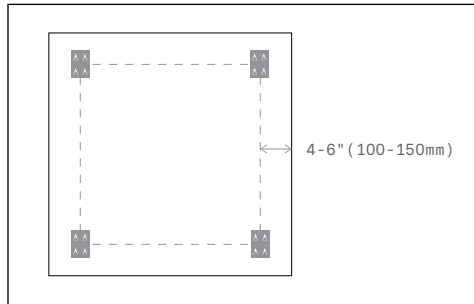
Construction adhesive can be used alongside the other methods listed in this manual, to provide additional hold. Mounting the panels with adhesive only is not recommended, as it may not provide sufficient hold.

While it is possible to screw panels directly onto a wall, this will potentially expose the glass wool fibres, and is not recommended.



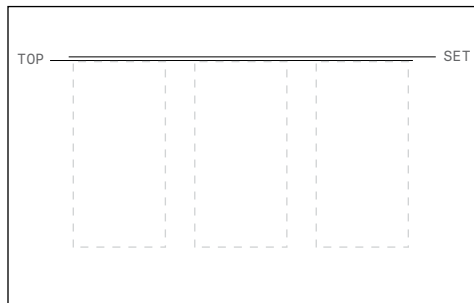
Rotofast Snap-On Anchor

Installation Method



Step 1. Plan the Impaler locations

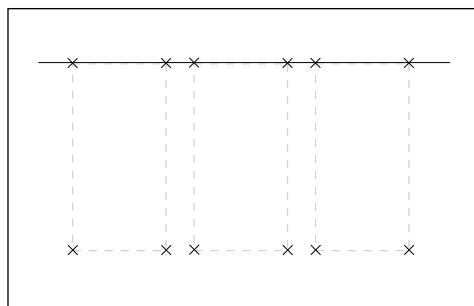
Impalers should be placed approximately four to six inches from the edge of the panel to clear the fabric. Avoid pushing the impalers through the fabric edge. When mounting Broadway panels in overhead locations apply a golf-ball sized dab of construction adhesive to each Impaler to prevent accidental dislodgement.



Step 2. Mark the wall

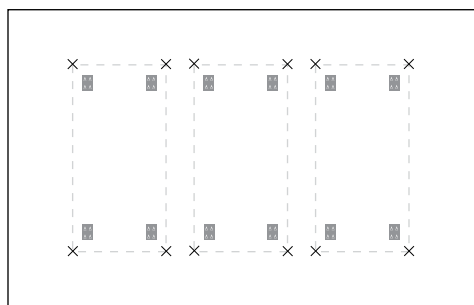
Lightly mark a horizontal TOP line along the entire wall with pencil. This line represents where the top of the mounted panel will sit on the wall. Lightly mark a second SET line one inch above the TOP line. The SET line will help you position the panel on the impaler clips*. Use your straight edge and bubble level to ensure both the TOP and SET lines are level.

*When using Push-on Impalers, the panel is pressed onto the Impalers straight-on, and will not require the SET line. Align them to the TOP line instead.



Step 3. Mark the panel locations

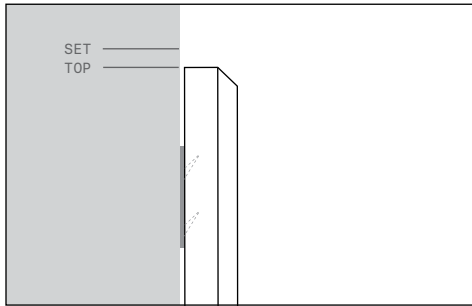
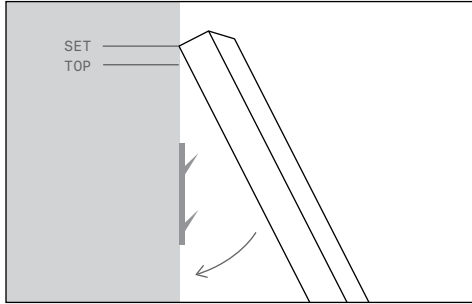
Lightly mark panel locations along the TOP line by carefully measuring out each panel width. If you are planning to space panels apart include the gap measurement and mark points along the TOP line identifying panel edge and gap points.



Step 4. Mount the Impalers

Mark wall locations for the impaler clips by measuring 4 to 6 inches down from your TOP line and 4 to 6 inches in from your panel edges. Secure impaler clips with an appropriate fastener for your wall surface.

For additional security apply a golf-ball sized dab of construction adhesive to each Impaler. This will prevent the panel from being easily removed once the adhesive is dry.



Step 5. Mount the panel

Tilt the panel so just the top edge is touching the wall. Carefully line up the top edge with the SET line and edge marks you made in step 1 and 2. Placing a level on top of the panel will help you keep it straight as you guide it onto the impaler clips.

Once you have lined up the panel squarely on the SET line, bring the back of the panel in contact with all of the impaler clips. Apply pressure in and down onto the clips. The panel will slide onto the Impalers and sink down about one inch. Use the TOP pencil line to confirm placement is level. If alignment is off, the panel may be nudged up to ¼" to make it level. Once you have lined up the panel squarely on the SET line, bring the back of the panel in contact with all of the impaler clips. Apply pressure in and down onto the clips. The panel will slide onto the Impalers and sink down about one inch. Use the TOP pencil line to confirm placement is level. If alignment is off, the panel may be nudged up to ¼" to make it level.

Limited Warranty

Please inspect products immediately after receiving your purchase. Primacoustic acoustic products are guaranteed to be free of manufacturing defects for a period of 3 years after purchase. In the unlikely event that a defect is uncovered, please call 604-942-1001 to obtain a RA number (Return Authorization number) from Primacoustic before the 3 year warranty period expires. Once you have obtained a RA number you must return the product, freight prepaid, within fifteen (15) days after the date the RA number is issued. Please return the product in the original packaging (or another, affording an equal degree of protection) with all of the following: (1) RA number clearly marked on the returned package; (2) a receipt or bill of sale showing proof of purchase from an authorized seller; plus (3) a letter describing the defect. Please include your name, address, telephone number and the applicable RA number. You are solely responsible for all shipping and insurance costs for returning the product to Primacoustic, and you will not be reimbursed or compensated for any loss or damage incurred during return shipping. Primacoustic will at its sole discretion repair or replace the product. Should the product no longer be available, Primacoustic reserves the right to exchange this with a product of similar performance and value. Due to different dye lots, Primacoustic cannot guarantee exact color match. This Warranty shall solely extend to the original owner and is limited to manufacturing defects and excludes damage due to improper installation, freight handling, wear and tear, abuse, misuse, misapplication, color fading or deterioration due to prolonged exposure to ultra violet light, smoke, humidity or other environmental factors. It is understood that the use and suitability of the product is entirely the responsibility of the buyer or specifying engineer and as such, these parties agree to hold Primacoustic, or its associated company, and/or officers, harmless from any responsibility whatsoever other than what is clearly outlined in this warranty.



WARNING: The installation methods outlined are recommendations only. Please seek professional advice if you are unsure about any of these methods

Part #: R870 1197 00 / 09-2026