



architectural systems

## Installation Instructions

Please read these instructions thoroughly prior to beginning the Panel Piedra installation.

Inspect all materials for damage or missing parts. If you discover damaged or missing materials, please notify Vibe Architectural Systems at (470) 632-0881 for customer service.

Panel Piedra must be installed in accordance with these instructions! **Failure to follow these instructions may void any product warranties and result in an unsuccessful installation.** For specific questions regarding the installation of Panel Piedra please call Vibe at (470) 632-0881.



### Do's and Don'ts

- **DO** read all instructions for installation procedures prior to beginning installation.
- **DO** maintain panel orientation throughout the entire installation.
- **DO** wipe the back of the wall panel and substrate with a clean, damp cloth before installation to remove any dust and dirt.
  
- **DON'T** use scotch-brite pads, steel wool or similar cleaning pads on wall panels.
- **DON'T** store or stand panels on end.
- **DON'T** rush the installation.

## Tools & Equipment Needed

### Supplied by Contractor:

4'-0" or 6'-0" Level

Electric saw with nothing less than a 60 tooth masonry cutting blade (radial arm saw recommended)

Cartridge Gun

Tape Measure and Ruler

Paintbrushes of varying sizes (for the joint filler)

Screwdriver or Electric Drill with Phillips Head attachments

Anchors and Screws

Nail Gun

Marker

Adhesive

### Supplied by Impact Specialties:

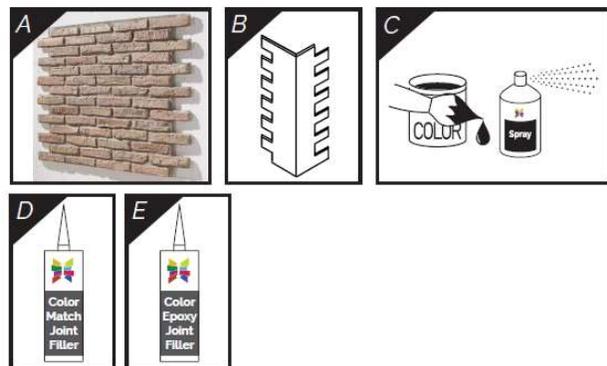
Panel Piedra Panels (*Photo A*)

Corner Pieces as ordered (*Photo B*)

Color Matched Paint Spray and/or Bucket (*Photo C*)

Color Matched Joint Filler (*Photo D*)

Color Matched Epoxy Joint Filler (*exterior installation*) (*Photo E*)



## Inspection, Storage, and Handling of Shipment

- Inspect all materials for damage or missing parts. If you discover damaged or missing materials, please notify Vibe (470) 632-0881.
- All panels must be stored flat in a dry area. Avoid stacking panels.
- Acclimate the wall panels for at least 24 hours prior to installation by allowing materials to adjust to room temperature and relative humidity.

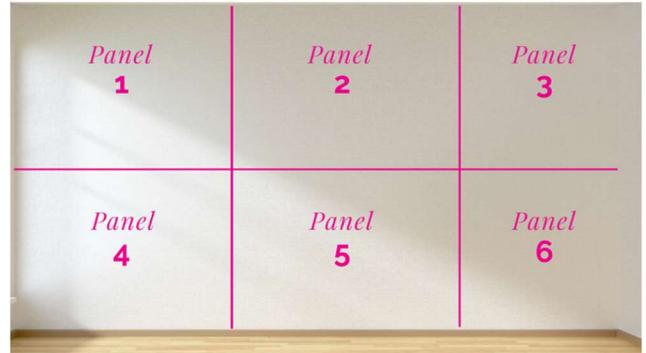
## Preparation

- Ensure floor is level along the length of the entire wall to be installed. If it is not, strike a level line to begin panel installation.
- Dry fit each panel prior to final installation, making any necessary cutouts.
- Ensure substrate is plumb and clean, free of any debris that would affect adhesive.

## Installation Instructions

### Step 1: Measure

- Measure the surface to be covered and calculate how many panels will be needed.
- Each panel is approximately ten and a half square feet.



### Step 2: Measure & cut the first panel.

- Check to ensure panel is in the correct orientation.
- Begin in the lower left corner. If you are not using corner pieces, the first panel will need its left interlocks cut off to fit panel edge flat against the edge of the wall.
- Measure and mark panels to size needed for installation.
- Use a saw to cut panels down to size with the backing facing up. (*Note: use a blade with a 60 tooth count or higher*)
- Dry fit into location on wall to make sure panels are properly cut.



### Step 3: Pre-drill for first panel.

- Position the panel on the wall and use the 1/8" bit to drill through the joints across the panel about 4 to 6 times per panel. Be sure to drill in the corners and center of the panel.
- *Note: Drill in areas that are easy to hide with joint filler.*



### Step 4: Final prep to install first panel.

- Remove panel and drill holes out with the 1/4" bit where the wall was previously drilled.
- Stick anchors into the wall.
- Apply a bead of adhesive across the back of the panel. (*Note: more important for outdoor installation.*)



## Installation Instructions

### Step 5: Install first panel.

- Check to ensure panel is in the correct orientation.
- Place the panel on the wall and insert screws in the holes 2-3 mm into the panel so they can be hidden with joint filler.
- Do not over screw through the panel.



### Step 6: Repeat previous steps to assemble all panels.

- *Not all panels have interlocking edges. Panels with a square edge will be tight fit and butted to the adjacent panel.*
- Repeat steps 2-5 for each panel.
- Dry fit next panel into interlock to ensure alignment.
- Ensure all necessary cutouts are made.
- For the last panel of the run, cut edge as needed.



### Step 7: Fill joints with corresponding joint filler.

- Once the surface of the wall is covered with panels, fill the joints and holes with the designated joint filler.
- Texture the joints and holes with a thin, wet, paintbrush.
- First, apply side to side or vertical strokes to initially spread out the joint filler. Then, dab to add texture to match.
- After this step, wait 2 to 4 hours before painting.



### Step 8: Paint the joints.

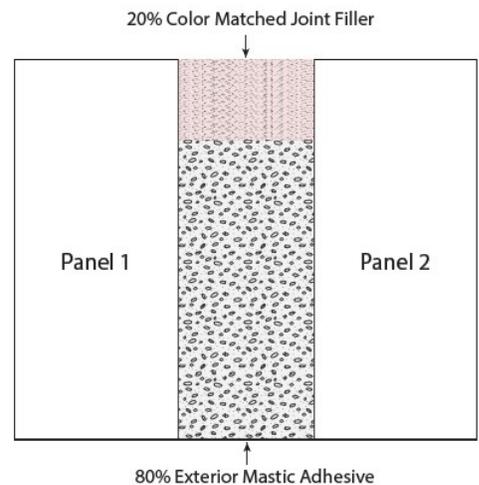
- *If a paint bucket is supplied:* Using new brushes, apply a light coat of the specified paint to the joints and holes where joint filler was applied.
- Allow this coat of paint to dry and then use the spray paint to balance colors of the joint filler and the panels.
- Spray the paint over the joints, 1-2 sprays per area approximately 8- 16 inches apart. Do not apply a thick, heavy line of paint.
- While this paint is still wet, rub a wet cloth over the joints to cover the pores. Repeat as many times as needed.



## Exterior Installations:

Please note that Exterior Installations follow the same principles as Interior Installations, but with a few modifications as highlighted below:

- Exterior grade mastic adhesive must be used to apply panels to the wall, along with mechanical fasteners.
- Stainless steel fasteners are recommended for exterior installations to prevent rust.
- The joints between the panels must first be filled with exterior mastic adhesive 80% of the depth, the final 20% of the depth to be filled with the color matched joint filler (to seal the seams 100%).
- The perimeter of the installation must also be filled in this manner where the panels meet adjacent surfaces.
- This installation method is meant to prevent any moisture from transmitting through the panels, or being trapped behind the panels.
- The moisture management of the substrate/structure must be completely functioning independent of the façade installation of Panel Piedra panels. When installed in the above manner the panels become a system of a non-porous skin that do not allow the transmission of moisture.
- Panel Piedra panels do not support traditional moisture management architectural details (flashing, weep holes, air pockets) that are traditionally used with masonry installations.



## Clean Up

- After everything is dry, wipe down front of wall with a wet rag.
- Remove and discard of any waste material as needed. When discarding, use specialized companies so all regulations and requirements are met for laws by local authorities. Avoid disposal through drainage.
- Give each other high fives and slaps on the back. Congrats. You made a wall.
- Refer to Vibe Care and Maintenance instructions for tips on maintaining your wall panels.