

RealCast

LIGHTWEIGHT CONCRETE



BOARD-FORM INSTALLATION INSTRUCTIONS

IMPORTANT

The following installation instructions must be followed for warranty purposes and for optimal performance. InStone does not install panels or have control over the installation of the panels, therefore these Installation Instructions are to be used as guidelines. It is the responsibility of the installer to ensure all products are installed in accordance with these RealCast Installation Instructions. InStone assumes no liability for improper installation or personal injury resulting from proper or improper use or installation.

SAFETY FIRST

The operator of any power tools or other tools should be skilled and familiar with the correct use of each tool. Proper safety gear must be worn at all times.

BUILDING CODE

Follow local Building Codes when applying RealCast. It is the responsibility of the installer to ensure that applicable building codes are met or exceeded.

PRODUCT COLORING:

RealCast is a natural concrete product, and some color variation is inevitable (and usually desirable). Please ensure, wherever possible, that the production dates on all product being installed side-by-side are the same or compatible. This will help ensure consistent coloring. Most of the time product from different dates will match up, but the installer should check this before installing. Also, there is the possibility for a panel to be slightly off-colored in a batch. Again, the installer should check all panels match before installing.

RECOMMENDED TOOLS:

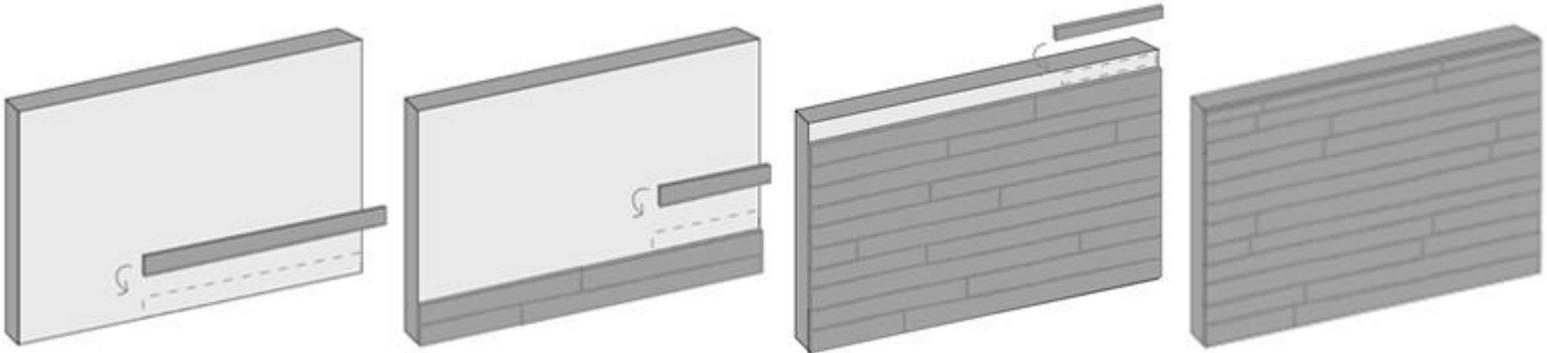
Miter Saw / Table Saw / Circular Saw w/ Masonry Blade	(or)	Tile Saw	
Drill and Wood/Drywall Screws	(or)	Nail Gun and 1 ¼" Brad Nails	
Pencil & Level		10 oz. Caulking Gun	Measuring Tape
Safety Glasses		Earplugs	Dust Mask
Titegrab Adhesive	(or)	Non-Expanding Foam Adhesive	



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Panel Installation

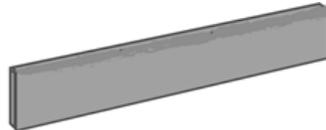


1. MEASURE and MARK: Before starting, the wall should first be measured, and panels laid out. A level or tape measure should be used to ensure each row is level.

Using a measuring tape, mark the backside with a pencil or marker, and then use a straight edge to mark a cutting line.

2. CUT: The panels are easiest cut from with backside (flat) down. Use a miter saw or circular saw with masonry blade to make the vertical cuts. For cutting panels lengthwise, a table saw or circular saw is recommended. To cut outlet and fixture holes, use a hole-saw or high-speed drill to cut the opening.

3. FASTEN: Ensuring the bulge/ridge line is at the top, using recommended adhesive.



fasten product to almost any substrate

Adhesive should be applied around the perimeter of the panel approximately $\frac{3}{8}$ inch from the edge, then in a serpentine pattern.



To hold the panels in place while the adhesive sets, 18 gauge 1 $\frac{1}{4}$ " brad nails can be put into the face of the panel. This will leave small pits that can be left or filled with caulk. Use the cut piece from each row to start your next row.

The final (top) piece will need to be cut to the necessary height so the panel fits flush with the ceiling or top of the wall.

4. CAULKING (OPTIONAL): If no visible gaps or seams are the goal, our Stone Finish caulking can be used. Simply apply a thin bead of color-matched caulking along the top of the plank prior to installing the plank above it. The caulking will bulge out adding the look and helping to blend the two panels together (and hide any gaps).

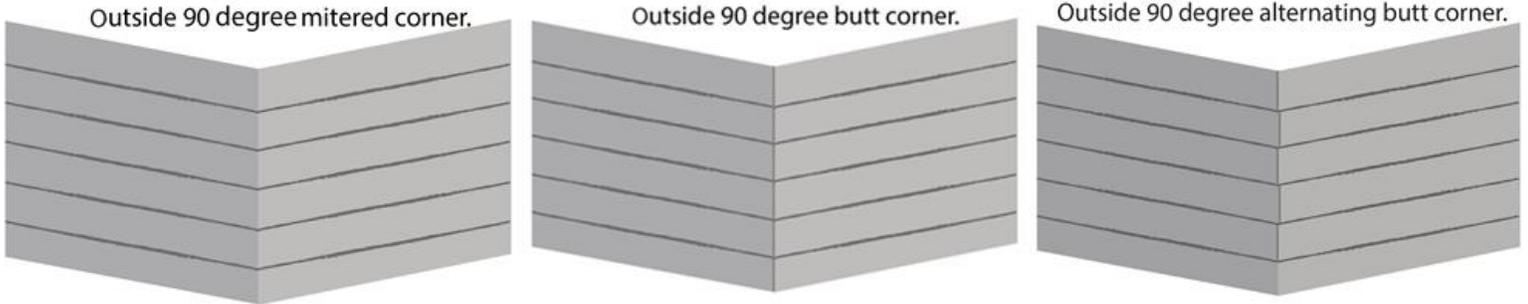
5. ELECTRICAL SWITCHES & PLUGS: Make markings on the backside of the panel, then use a hole-saw or high-speed drill to cut the opening. A tile saw, miter saw, or circular saw can also be used. Cutting from the backside is very important to help prevent cutting beyond your desired shape.

An electrical extension box may be used to extend the electrical outlet to be flush with panels. You must first measure the thickness of the RealCast panel(s) and extend the electrical outlet out the appropriate amount to be flush with the panel. Ensuring a tight fit, install the panel(s) around the box and reinstall the cover plate on the face of the panel(s).

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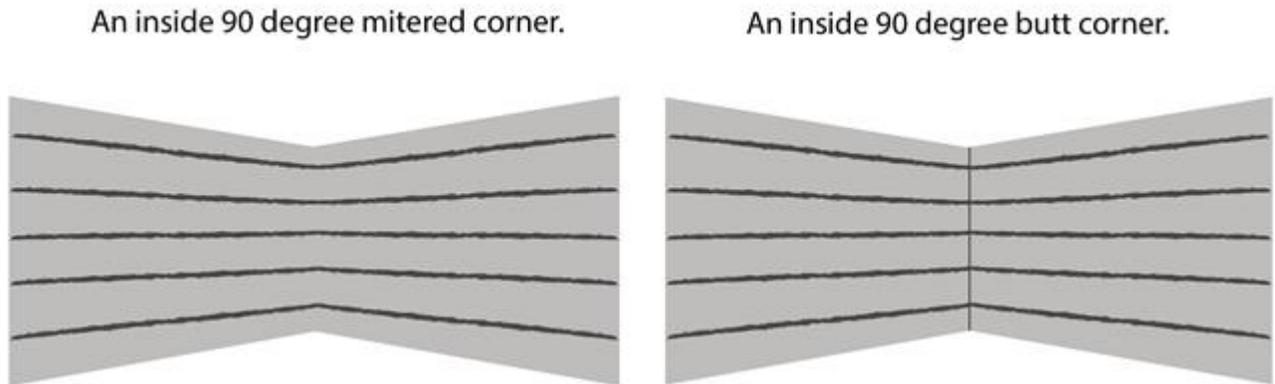
Outside Corners



MITER (left drawing) - the panels can be mitered to create a more finished/continuous look. Cut the panel at a 45 degree angle, then use the same piece to continue on the return. If there is a gap, brad nails can be used to pull them tighter together. Fill unwanted gaps with the appropriate Stone Finish caulking.

BUTT CORNER (middle & right drawing) - the panels can simply be butt together to create a finished corner. The butt corners can be alternated so that you see the butt edge on every second row. The appropriate coordinating Stone Finish Caulk can also be used to finish the ends.

Inside Corners



MITER (left drawing) - Cut the panel at a 45 degree angle, then use the same piece to continue the return. If there is a gap, fill unwanted gaps with the appropriate Stone Finish caulking.

BUTT CORNER (right drawing) Butt two panels together at the inside corner. If there are any unwanted gaps, the Stone Finish Caulking can be used.