

GenStone®

(1) MEASURE (2) CUT WITH ANY SAW (3) ATTACH

Steel Buildings

How to Install _____
Made Easy System

REQUIRED FOR ALL EXTERIOR INSTALLATIONS

- Hand Saw
- Utility Knife
- Tape Measure
- Caulking Gun for a 10 oz and / or 28oz Tube
- 1.625" Non-Corrosive Deck Screws
- 2.50" Non Corrosive Deck Screw for Ledgers
- Finishing Nails (Wood Product Only)
- Sandpaper
- PL Adhesive (200 or 300 is recommended)
- Level
- Drill and Screw Driver Bits
- Framing Square
- Marker
- Gloves
- Safety Goggles and Glasses
- Big Stretch White Caulking

RECOMMENDED FOR EXTERIOR INSTALLATIONS

- Tyvek HomeWrap
- Circular or Table Saw
- GenStone eXact Color Caulking
- GenStone Paint Kits

REQUIRED FOR STEEL BUILDING INSTALLATIONS

- 2" Self-Tapping Screws
- Closure Strips for Ledgers on Ribs
- 2.50" Self-Tapping Screws for Ledgers
- Wood Furring Strips

ADHESIVE, PAINT KITS AND CAULKING

eXact Color Caulking	One for every 400 SQFT of GenStone and one for every eXact Color caulking
White Caulking	One for every 100 SQFT of GenStone installed
Paint Kits	One for every 400 SQFT of GenStone and one for every color match caulking
PL 3x Adhesive	One 10oz tube for every 100 SQFT or One 28oz tube for every 200 SQFT of GenStone

SPECIAL CONSIDERATIONS

Warranty	Failure to follow these installation instructions will void the 25 year limited warranty.
Heat Sources	If you can hold your hand on the surface where you plan to install GenStone for 10 seconds while the heat source is running, GenStone is OK to be installed on that surface, if not, GenStone is not recommended for the area. It is the owner's sole responsibility to ensure all panels and accessories will not come in contact with flames or embers.
Attaching	For exterior projects, premium construction adhesive is required on the back of all panels, ledgers and trim. Fasteners are required for both exterior and interior projects.
Maintenance	GenStone will perform similar to wood siding in most climates. Follow the GenStone Use and Care guide and examine your GenStone once per year for any sign of discoloration.
Building Codes	Review your local building code prior to installing GenStone. Strapping may be required for exterior installations in Canada.

PROJECT SOS

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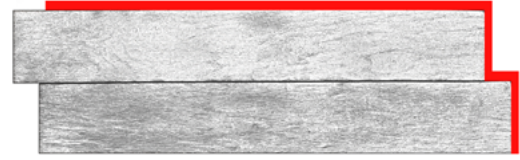
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PREPARATION

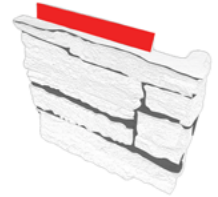
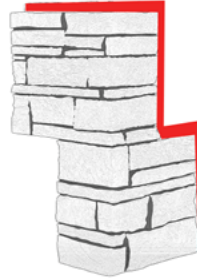
Stone and Wood

GenStone Products are designed to be applied to any flat structural substrate that is clean and free of debris. The positive shiplap edge (red below) always goes on the top. Stagger the connections throughout the wall to avoid visible seams.

Wood Panel with Shiplap



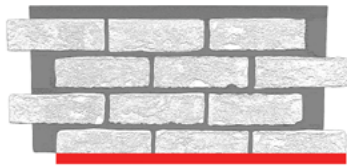
Stone Panels and Corners with Shiplap



Brick

GenStone Products are designed to be applied to any flat structural substrate that is clean and free of debris. The positive shiplap edge (red below) always goes on the bottom. Stagger the connections throughout the wall to avoid visible seams.

Brick Panels and Corners with Shiplap



Plan Like a Pro

SHIPLAP AREA
Do Not Include in Your
Overall Measurements

COVERAGE AREA
Include in Your
Overall Measurements

Tips for Success

- Let your panels acclimate for 48 hours
- Wait for a days of consecutive moderate temps
- Always paint exposed raw material left by cuts
- Snap a chalk line, do not level with the ground
- Unpack and Organize Panels by Number
- Watch Install Videos on genstone.com or YouTube

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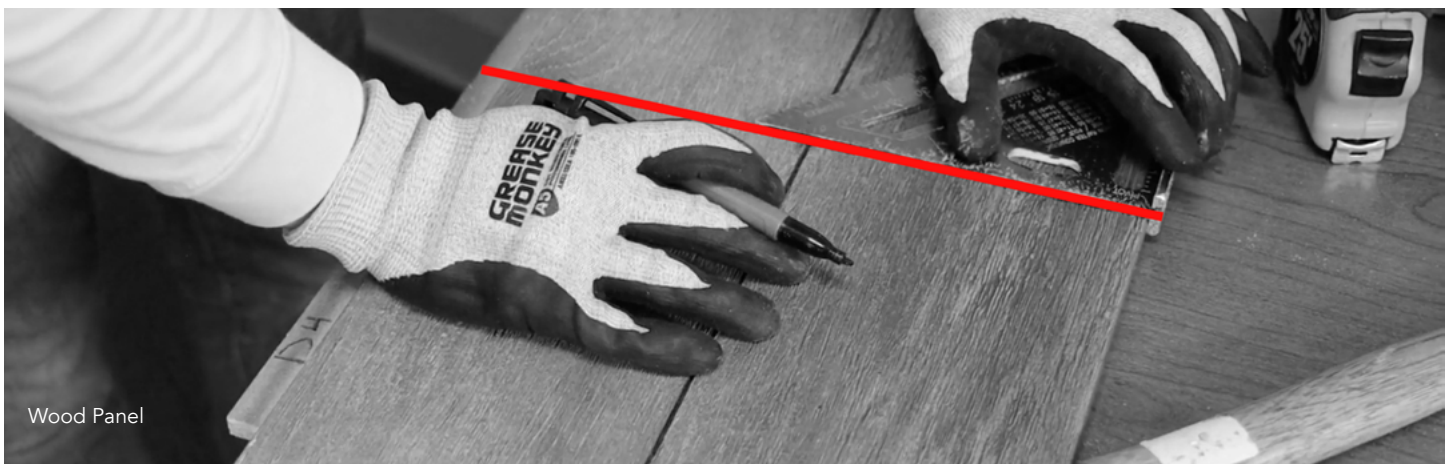
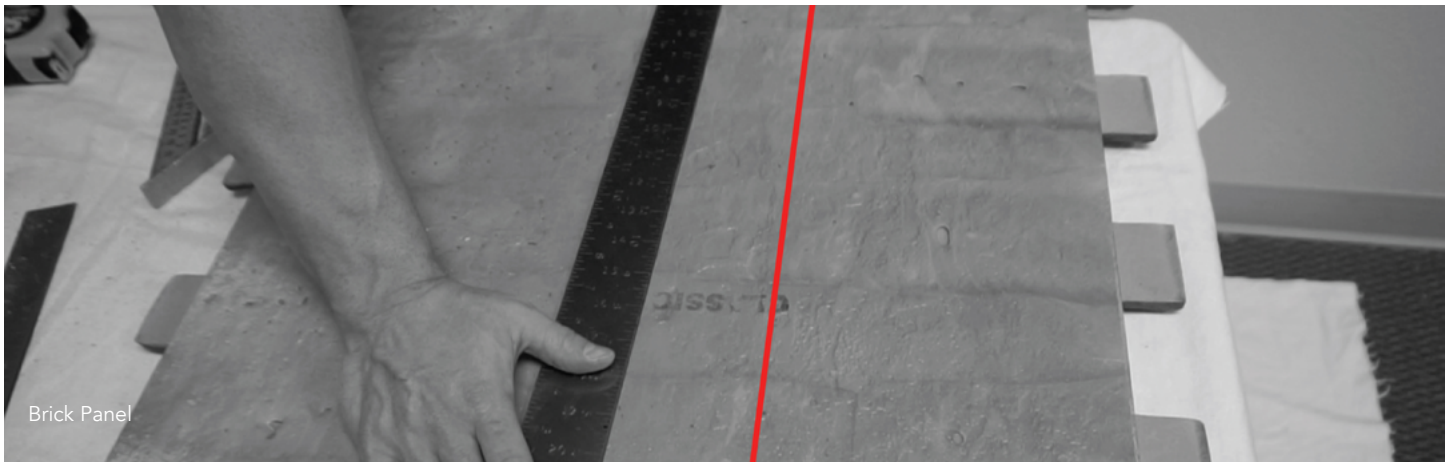
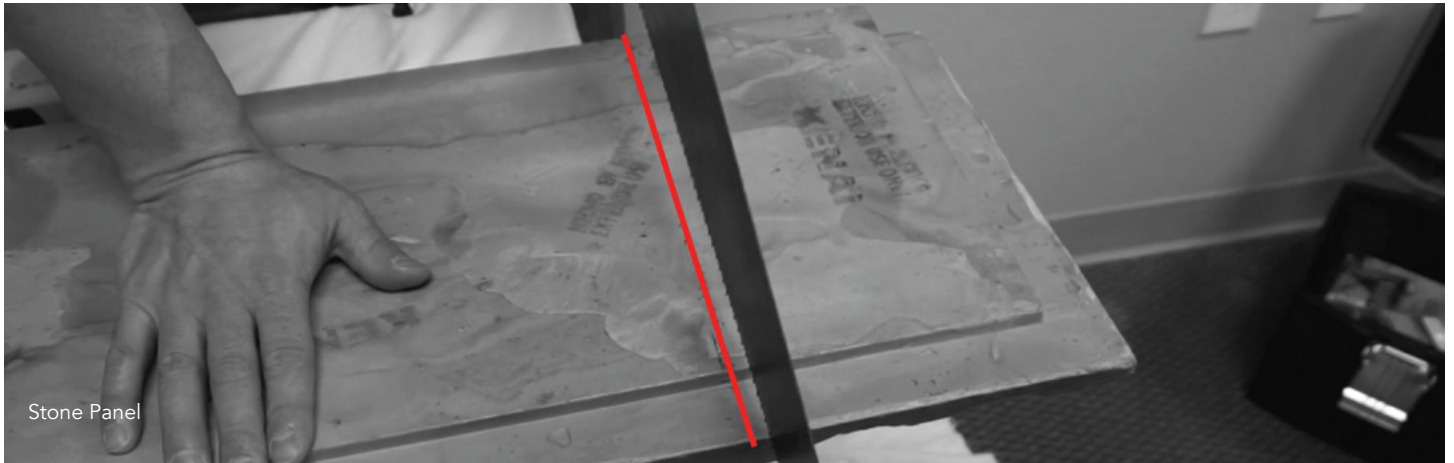
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MEASURE AND MARK

Working from left to right, measure from the positive shiplap edge of the previous panel, corner or finished edge and mark your cut on the flat (back) side of the panel. Use a straight edge and marker to draw a cut line you can follow with your hand or power saw.



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STEEL BUILDING SUBSTRATE

For metal buildings with ribbed wall panels, you must reduce the span between high ribs by installing furring strips. You will want to choose a furring strip that is at least 3/4 inches wide and splits the difference between the high ribs. Attach furring strips between all high ribs using self-tapping screws and construction adhesive.



ATTACHING PANELS AND CORNERS

You can attach the panels to both the furring strips and high ribs, however you may find it easier to attach the panels to the wood strips only. In either case, make sure the adhesive on the back of each panel is in continuous contact with the wood strips and high ribs throughout the installation run and that you attach the panels using both fasteners and construction adhesive.

Tips for Success

- Use face screws throughout the run
- Extend the furring strips 1 inch above the height of your brick, stone or wood if installing a ledger on top
- Attach the metal or foam closure strips before ledgers

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ATTACHING PANELS AND CORNERS

For exterior projects, start with an "S" pattern of construction adhesive on the back of each Product. Adhesive is not recommended for interior projects with a drywall substrate. Ensure the Product is level before fastening the Products with screws along the positive shiplap edge as outlined.

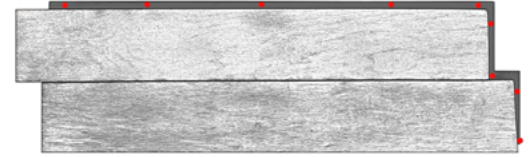
Caulking the Connections (Stone)

Run a bead of Big Stretch caulking along the shiplap edges and any connection between GenStone and another building material.

Caulking the Connections (Brick and Wood)

Run a generous amount of eXact Match caulking where the panels connect. The caulking should be tinted to match the color of the mortar or base color of the wood. Smoosh the panels together so the caulking seeps out of the connection. Wipe the excess caulking from the seam using your finger or paper towel.

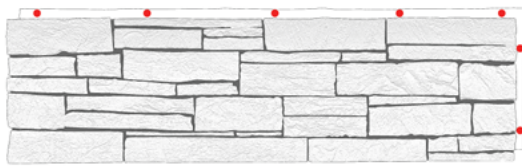
Wood Panel



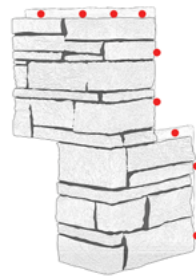
Panel

Every 6-8 inches along the top positive shiplap and 2-3 fasteners evenly spaced along the right positive shiplap.
Finishing nails in the face

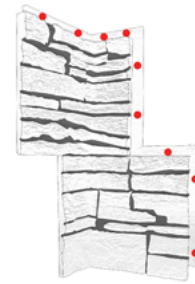
Stone Panels, Corners and Finished Edges



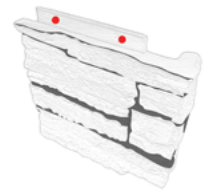
Panel



Outside Corner



Inside Corner



Finished Edge

Panel

Every 6-8 inches along the top positive shiplap and 2-3 fasteners evenly spaced along the right positive shiplap. Face screws are recommended, especially if any flex is detected.

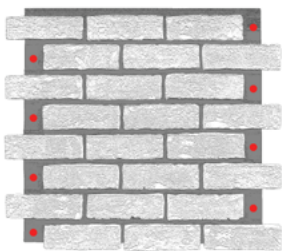
Corners

2 evenly spaced fasteners in the top horizontal 12 inch positive shiplap and 2-3 evenly spaced fasteners in the two vertical 12 inch positive shiplap edges. 2-3 evenly spaced fasteners in both horizontal 6 inch positive shiplap edges.

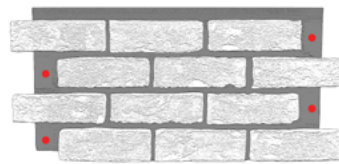
Finished Edges

2 evenly spaced fasteners along the positive shiplap edges. Face screws are required in the face of the Product as well as one fastener in the finished edge.

Brick Panels and Corners



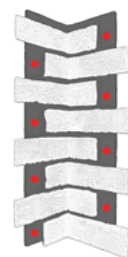
Panel



Half Panel



Outside Corner



Inside Corner

Panel and Half Panel

Centered in each area where the tabs (horizontally overhanging bricks) from the next panel will conceal the fastener.

Corners

Centered in each area where the tabs (horizontally overhanging bricks) from the next panel will conceal the fastener.

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After attaching a panel or corner, you may notice it is difficult to slide the next panel into place. To slide the next panel or corner into place, simply loosen the fasteners slightly, slide the panel or corner into place and then tighten the fastener again before sliding the panel or corner into its place.

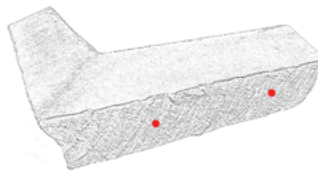
ATTACHING LEDGERS

For exterior projects, start with an "S" pattern of construction adhesive on the back of each ledger. Adhesive is not recommended for interior projects with a drywall substrate. Run a bead of GenStone Big Stretch white caulking in the recessed niche of the ledger where it will connect to the panel. Ensure the ledger is level before fastening it with evenly placed screws in the face of the ledger as shown below. After the ledger is secure, create a water tight connection to the substrate where the ledger meets the wall by running a bead of GenStone Big Stretch or eXact Color caulking between the wall and ledger.

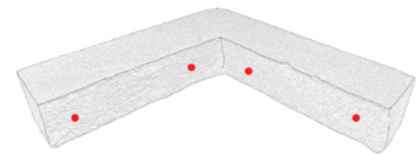
Stone Ledgers



Ledger

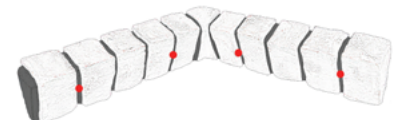
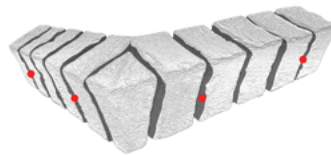


Outside Corner Ledger



Inside Corner Ledger

Brick Ledgers



ATTACHING TRIM

For exterior projects, start with an "S" pattern of construction adhesive on the back of each trim piece. Adhesive is not recommended for interior projects with a drywall substrate. Before attaching the trim, run a bead of Big Stretch caulk along the side of the trim piece where it will come into contact with other GenStone Products or obtrusions such as electrical boxes. Ensure the Product is level before fastening the trim with screws in the face of the trim as outlined below.

Brick and Stone Trim



Trim

The GenStone faux wood system does not contain corners, ledgers or trim. The wood panels can be easily mitered for corners, see our wood installation video for a demonstration.

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CLOSURE STRIPS FOR STEEL BUILDING WALL PANELS

If installing GenStone as a skirting, partial wall or wainscot, metal or foam closure strips are necessary in order to ensure your GenStone installation is waterproof. For skirting projects without a ledger, the closure strips can be installed behind the panels and painted to match the base color of the panel. For projects with a ledger, install the closure strips floating above the panel so the top of the closure strips will connect with the top of the ledgers.



INSTALLING THE LEDGERS

Run a bead of Big Stretch caulking along the connection between the ledger and GenStone panel as well as along the connection between the ledgers and the closure strips. Apply adhesive to the back of the ledgers where the ledgers will connect to the high ribs and furring strips. Fasten the ledgers to the substrate using 2.50 inch self-tapping screws in the face of the stone ledger or in the mortar area of the brick ledger. Conceal holes with eXact Color caulking and paint.



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FASTENING THE FACES OF THE PANELS

As you install each row or at the end of the installation, push on the face of each panel in multiple locations throughout each row feeling for any flex between the substrate and the panels.

Stone Panels

Face screws can be hidden the shadows under the rocks. Fastener holes can be concealed with eXact Color caulking and blended to match the surrounding stone with a paint kit.

Brick Panels

Face screws can be hidden under the bricks or throughout the mortar areas of the panels. Fastener holes can be concealed with eXact Color caulking and blended to match the surrounding stone with a paint kit. Do not insert screws into the face of the bricks.

Wood Panels

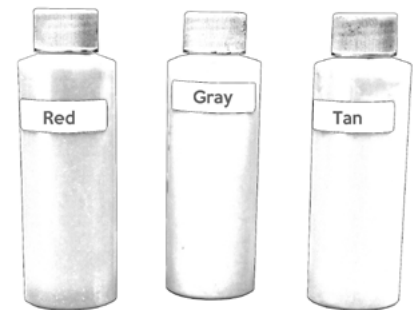
Face screws are not recommended for the wood panels. Instead, use finishing nails to secure the face of the wood panels to the substrate. Very little if any touchup will be required in the holes left behind by the finishing nails.

FINISHING TOUCHES

After all of your GenStone is securely fastened, go back and conceal any fastener holes in the face of the Products with a GenStone eXact Color caulking kit.

Tinting the eXact Match Caulking

Follow the step by step video found on the GenStone website (genstone.com) to tint the eXact Color caulking. Ledgers will require only one of the 3 base colors, while the stone pieces require a combination of all 3 paints provided in the kit. For larger projects, dedicated eXact Color caulking kits are suggested for the stone and ledgers.



Using Paint Kits to Blend the Colors

After concealing the fastener holes with the eXact Color caulking, wait for the caulking to dry before painting the caulk. We recommend mixing a combination of the 3 paint colors provided in a separate paper or plastic bowls, one for stone touch ups and one for ledger touch ups. The paint is intended to create a perfect blend between the colors around the fastener holes you concealed and the surrounding colors of the Products.

Painting Exposed Raw Material Left Behind by Cuts

Any exposed raw material must be painted thoroughly. Unpainted material will discolor when exposed to sunlight for an extended period of time. You may find exposed raw material where you have cut the GenStone Products.



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