



DURATA®  
MORTARLESS STONE

 PlyGem®  
STONE

# INSTALLATION GUIDE

## DURATA FLAT KIT



**PROFILE #:** 75524510

### PACKAGE CONTENTS:

3 panels  
6 transitions  
6 bracket kits  
(2 brackets, 4 screws)

**COVERAGE PER KIT:** 7.08 sq ft.

## DURATA CORNER KIT



**PROFILE #:** 75526011

### PACKAGE CONTENTS:

8 corners  
8 transitions  
8 bracket kits  
(2 brackets, 4 screws)

**COVERAGE PER KIT:** 6.8 linear ft.

## DURATA STARTER KIT



**PROFILE #:** 75524712

### PACKAGE CONTENTS:

4 starters  
4 transitions  
24 screws

**COVERAGE PER KIT:** 6 linear ft.

## DURATA SOLDIER & DURATA SILL



### PROFILE #:

Durata Soldier: 75517012  
Durata Sill: 75517112

### PACKAGE CONTENTS:

3-18.5" soldiers  
5-24" sills

### COLOR OPTIONS:

Charcoal & Country

## COLOR OPTIONS



Mystic (8078)



Shenandoah (8057)

## DURATA STEEL J-CHANNEL/WICKER



**PROFILE #:** 75514812

### PACKAGE CONTENTS:

4 - 6' pieces per carton

### COVERAGE PER KIT:

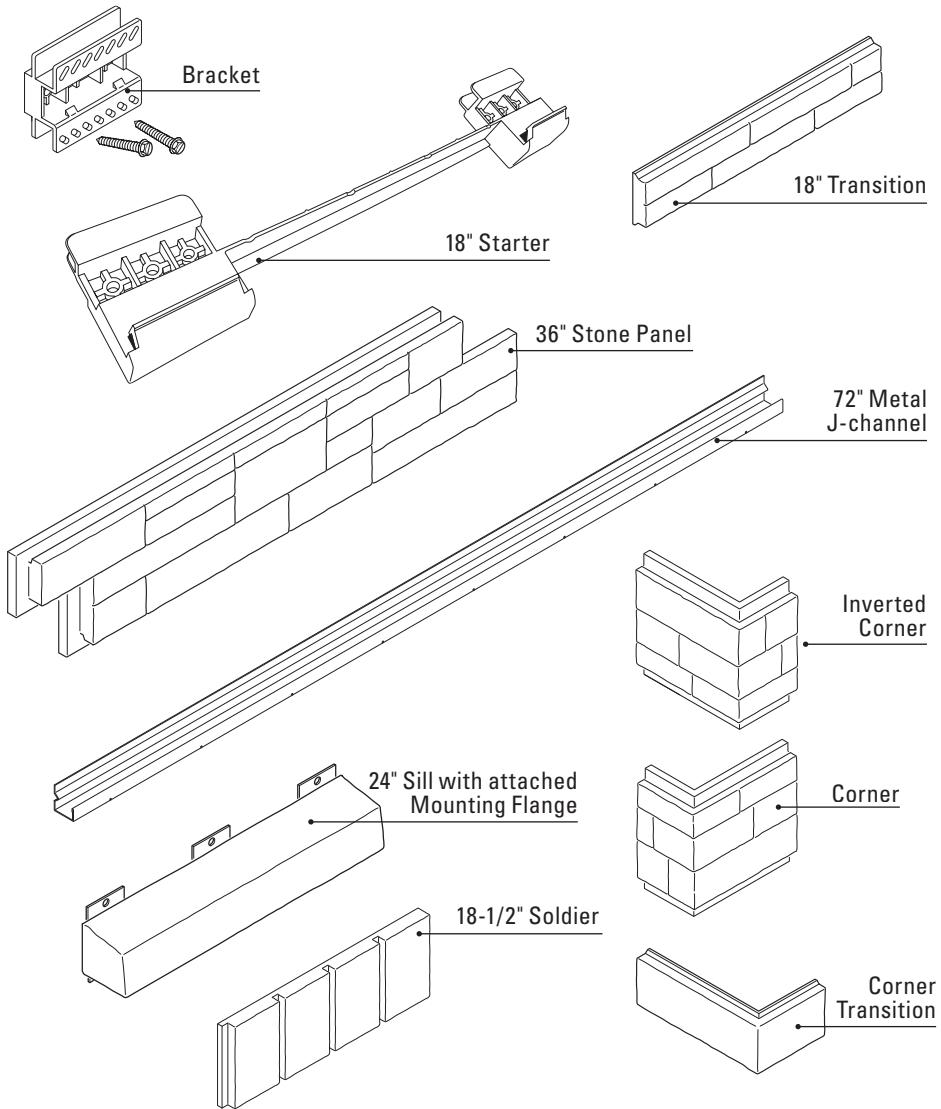
24 linear ft.

For more information, go to: [PlyGemStone.com/Durata](http://PlyGemStone.com/Durata)  
for installation guide, specs, installation video and sell sheets.

# DURATA®

## MORTARLESS STONE

### INSTALLATION GUIDE



#### NOTE

Any screw used to install the Durata™ Mortarless Stone Panel and Accessories that is not included in the packaging of the product shall be corrosion-resistant, and will not be covered under the product warranty.

#### CAUTION

Sawing or grinding of concrete masonry units may result in the release of dust particles, which could cause minor eye or nose irritation if proper protection equipment is not in place.

The use of a NIOSH approved respirator when sawing or grinding is recommended by Ply Gem Stone, when these operations are in progress.

#### RECOMMENDED TOOLS

- Level
- Wet Saw
- 1/4" Masonry Bit
- Rasp
- Hammer Drill
- Hex Nut Driver
- Chalk Line
- Caulking Gun
- Utility Knife
- Rubber Mallet
- Square

#### Optional cutting tools:

- Circular Saw with Masonry Blade
- Grinder with Masonry Blade

#### REQUIRED PRODUCTS

- Cedar Shim Shingles
- PL Premium Polyurethane Construction Adhesive
- Corrosion-resistant No. 12 x 1-1/2" Long Hex-head Screws (see note)
- Water-resistive Barrier (WRB)

#### OPTIONAL PRODUCTS:

Based on your application, consider whether you may need any of the following:

- Furring Strips
- 3/8" pressure treated furring strip
- Ice and Water Shield
- Silicone Sealant
- 4" long Corrosion-resistant Deck Screws
- Cellular PVC Trim or other finishing trim of your choice
- Drip Edge
- Waterproof Adhesive

# INSTALLATION GUIDE

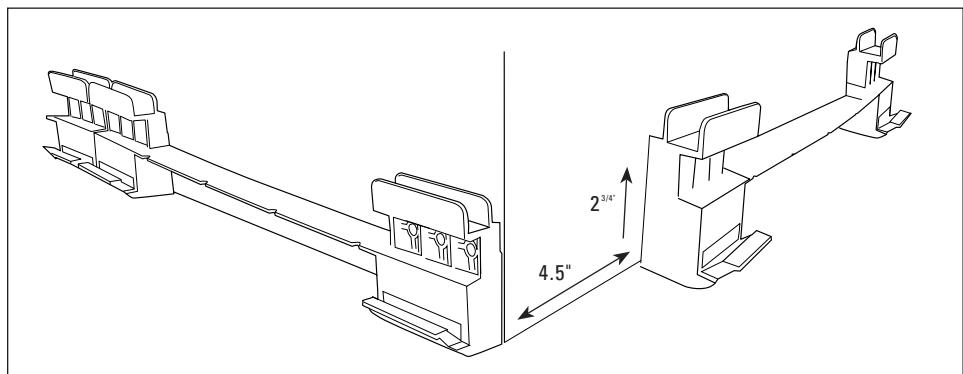


## WALL PREPARATION

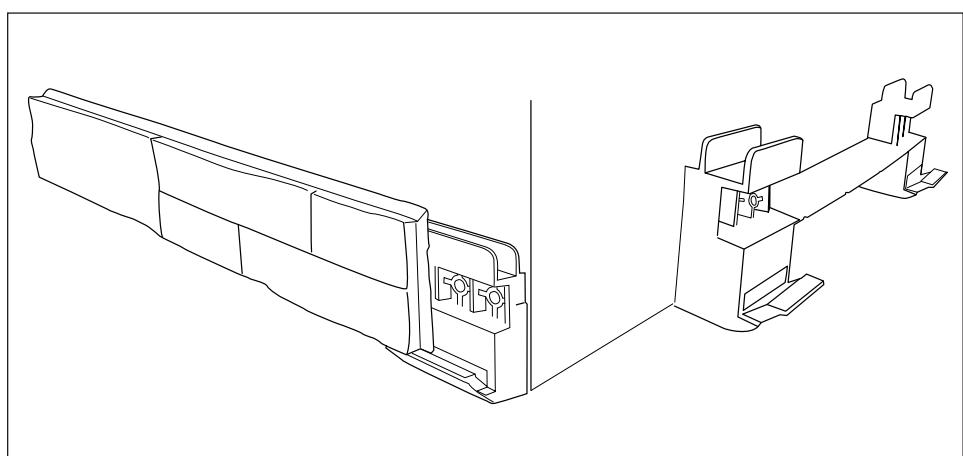
All openings should be flashed and sealed. The mortarless stone panel shall be applied over a minimum 7/16" nailable base (plywood, OSB) sheathing. A water-resistive barrier (WRB) consisting of one layer of 30 lb. or two layers of 15 lb. underlayment felt shall be applied over the sheathing prior to installing the stone panel.

## STARTER FOR PANEL AND CORNER

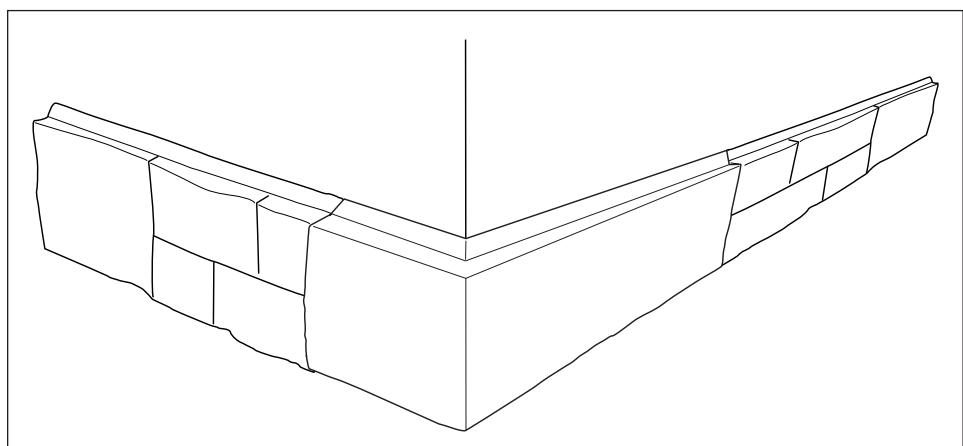
- The bottom of the starter course must be a minimum of 4" above bare ground and 2" above paved surfaces when doing an exterior application. When installing inside, starter course may be flush with floor.



- Once this point has been determined, measure up 2 3/4" and snap line for starter. The line represents the top back edge of the starting bracket.
- Install with No. 12 x 1 1/2" long hex-head screw (included) through the starting bracket.
- Use a rasp or wet saw to remove excess materials as needed for best fit.
- Apply cedar shims to level wall as needed.
- Ensure that starter is level.



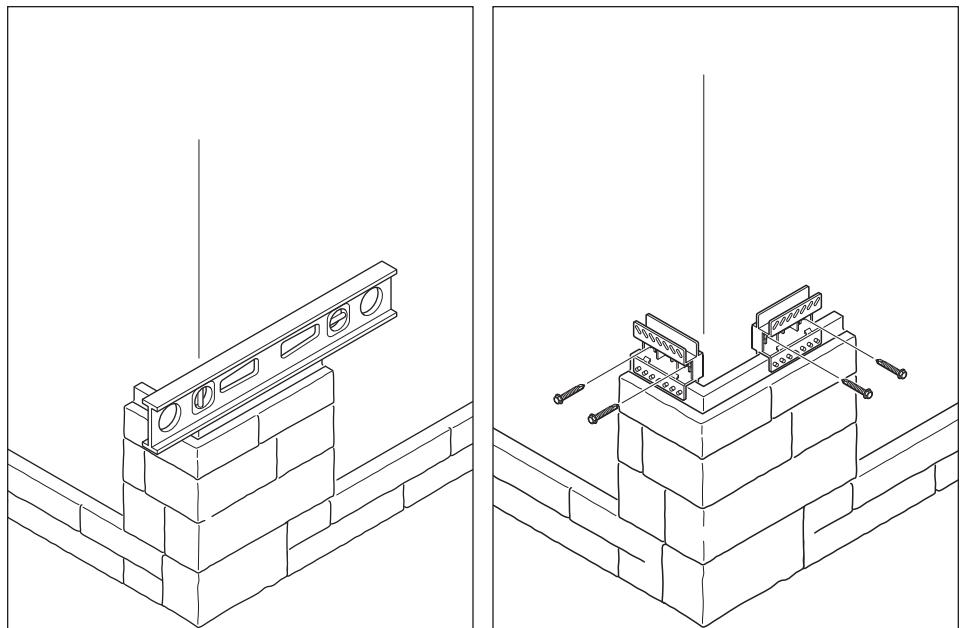
OUTSIDE CORNER



\*Not included. Any screw used to install the Durata™ Mortarless Stone Panel and Accessories that is not included in the packaging of the product shall be corrosion-resistant, and will not be covered under the product warranty.

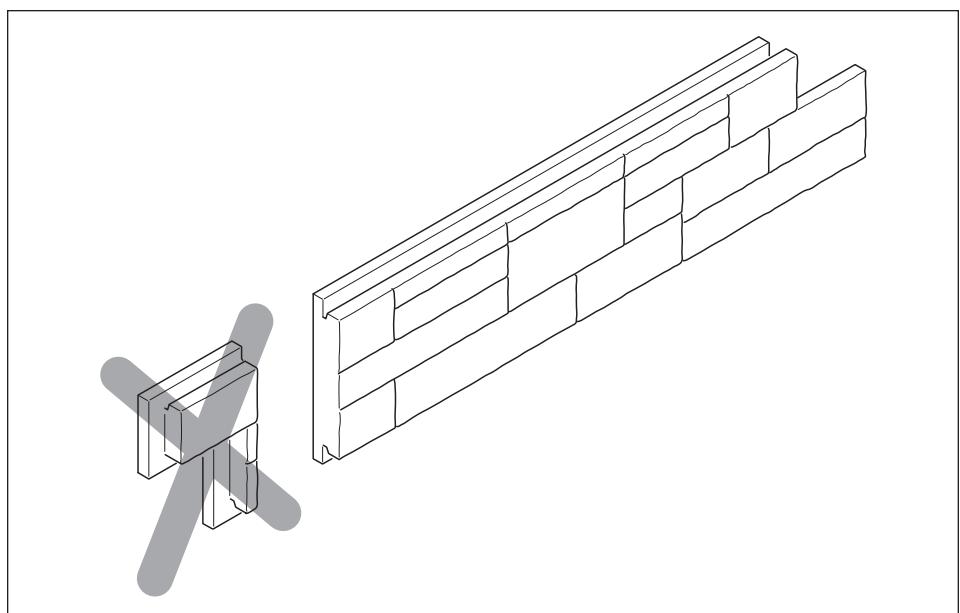
## CORNERS

- Position corner into groove of starter, ensure that corner is level and secure using two (2) brackets, each secured with two (2) No. 12 x 1-1/2" long hex-head screws.
- Apply cedar shims as required to keep panels parallel with the wall.
- Use rasp or wet saw to remove excess materials for best fit.

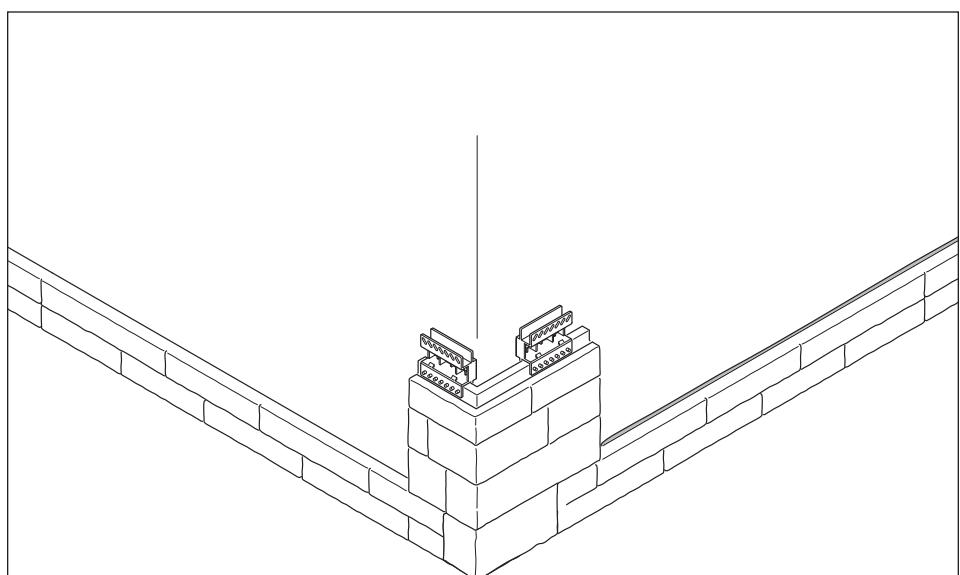


## FIRST COURSE

- Cut off end of stone panel so panel will fit flush to corner.

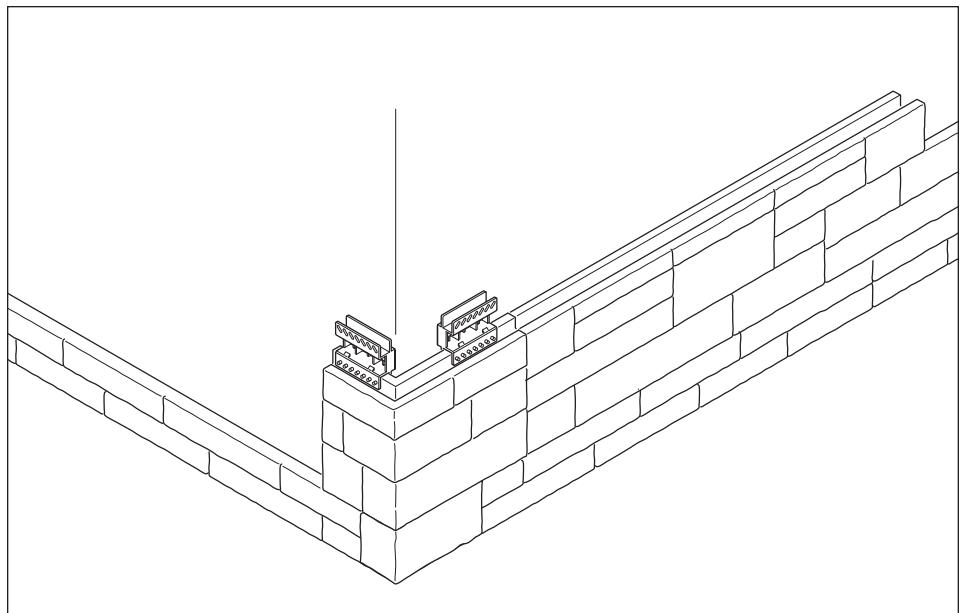


- For ease of installation, it is suggested to work from left to right.
- Apply cedar shims as required to keep panels parallel with the wall.
- Use rasp or wet saw to remove excess materials for best fit.

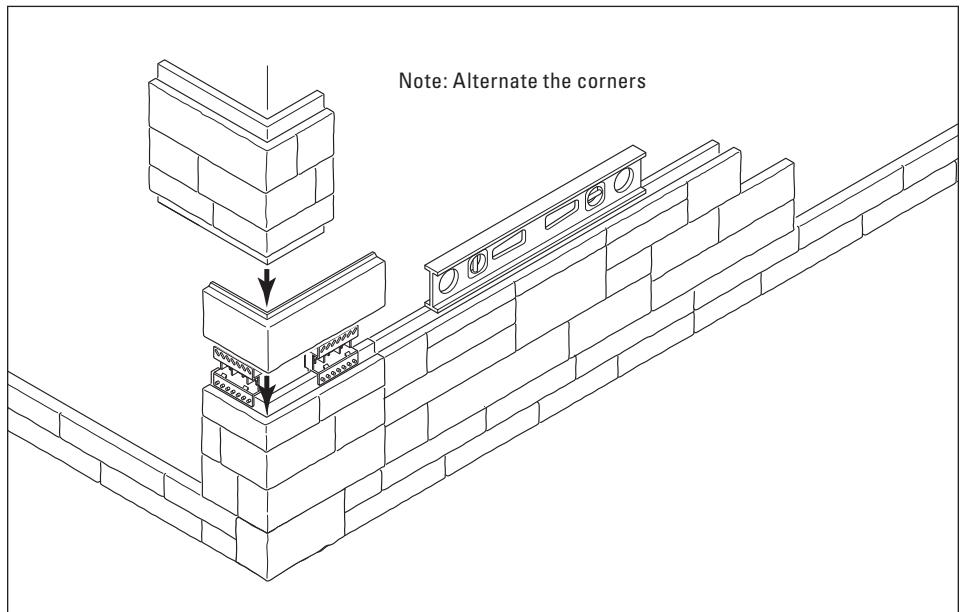


## FIRST COURSE (CONTINUED)

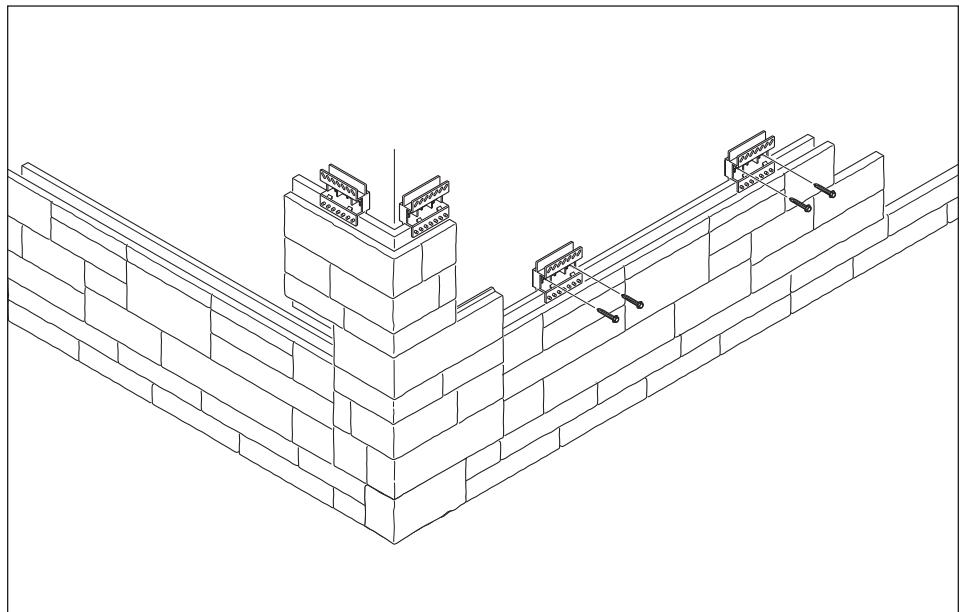
- Position stone panel into groove of starter and position into corner.



- Ensure that panel is level and does not rock on lower course. Use a rasp or wet saw to remove excess materials.
- Apply corner transition, then insert next corner to stagger butt joints.

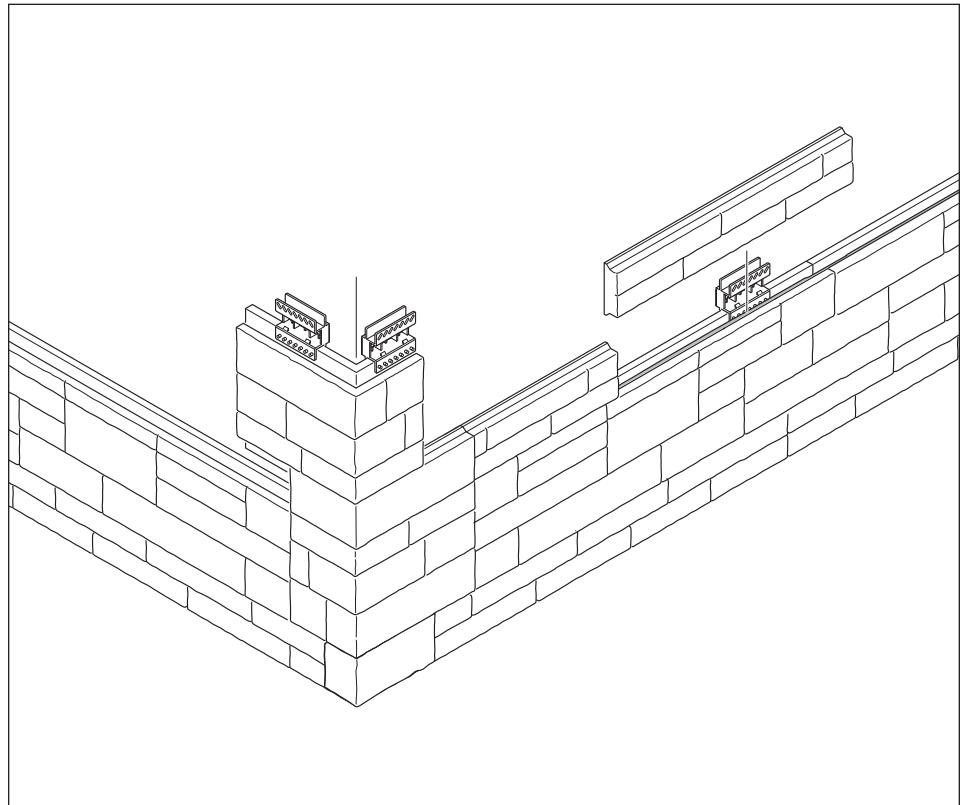


- Position two (2) brackets at top of stone panel and attach each with two (2) No. 12 x 1-1/2" long hex-head screws.
- Apply cedar shims as required to level wall. Do not overdrive screws.



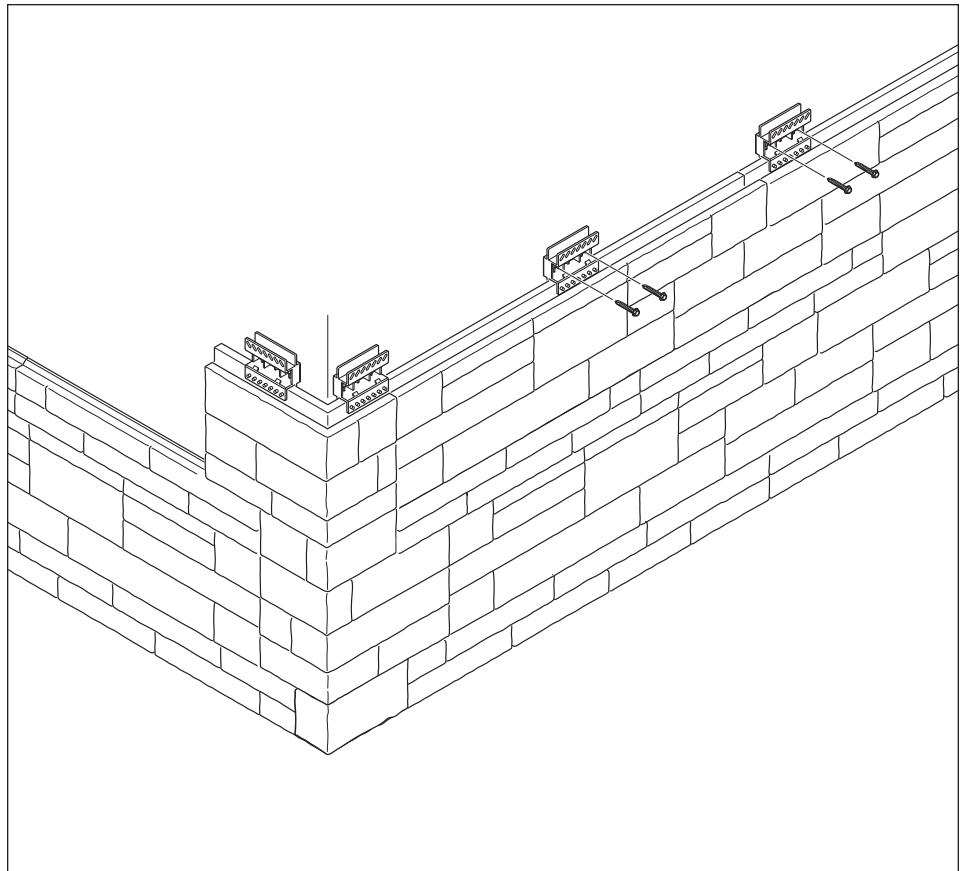
**PANEL TRANSITION,  
FIRST COURSE**

- Install stone transition into first course of stone panels.



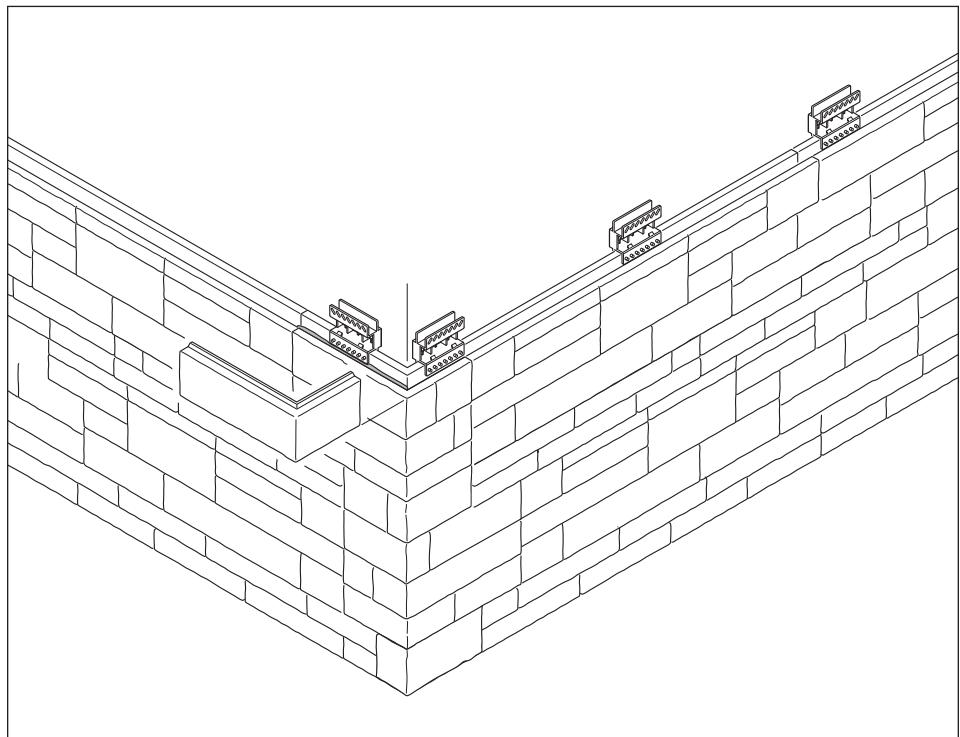
## SECOND COURSE

- Cut off end of stone panel so panel will fit flush to inverted corner.
- Install second course of stone panel and brackets at top of panel, ensuring that each panel is level, using 2 clips per panel.



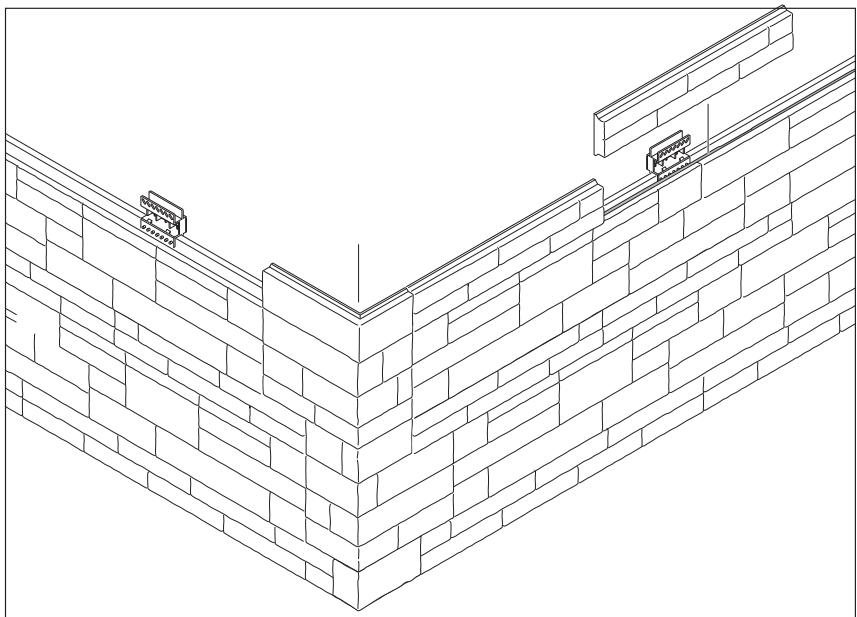
## CORNER TRANSITION

- Install corner transition.



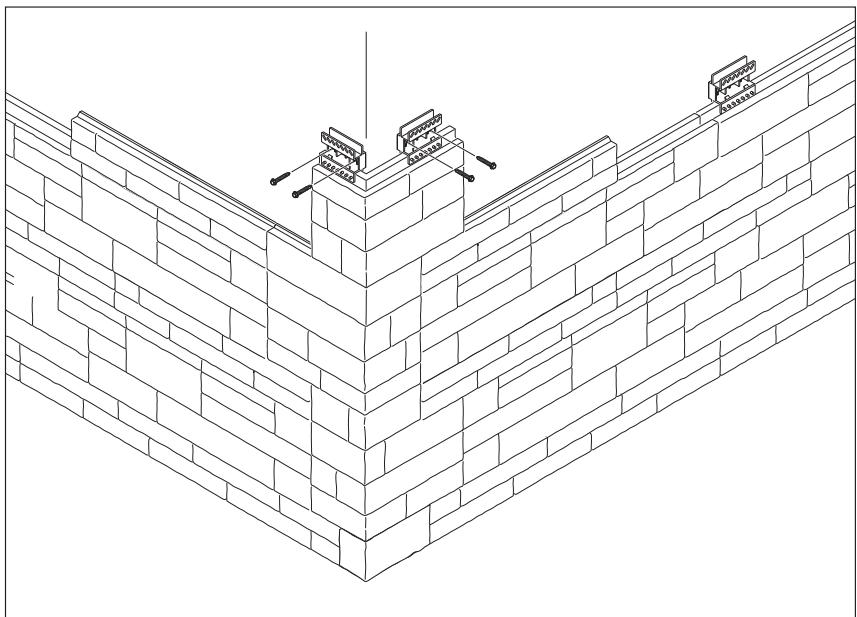
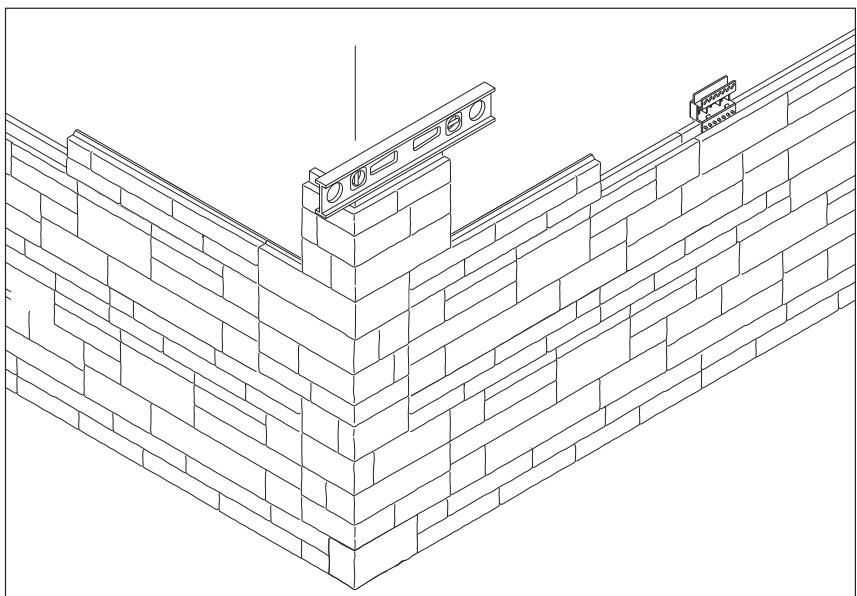
## PANEL TRANSITION, SECOND COURSE

- Install stone panel transition into stone panels.



## CONTINUE INSTALLATION

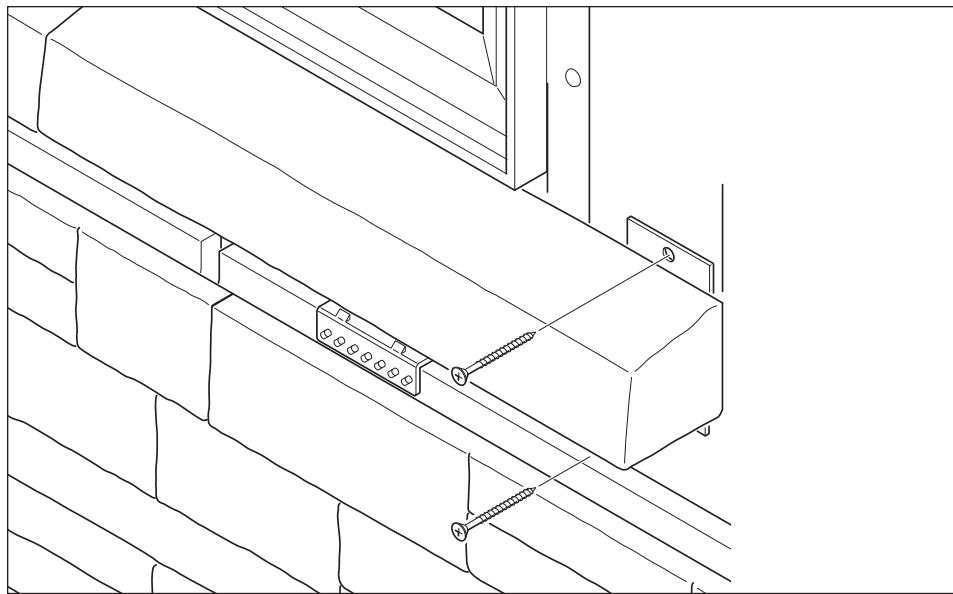
- Continue working up the wall, ensuring all pieces are level, until you come to a wall opening, such as a door, window, etc.



## WINDOW SILL

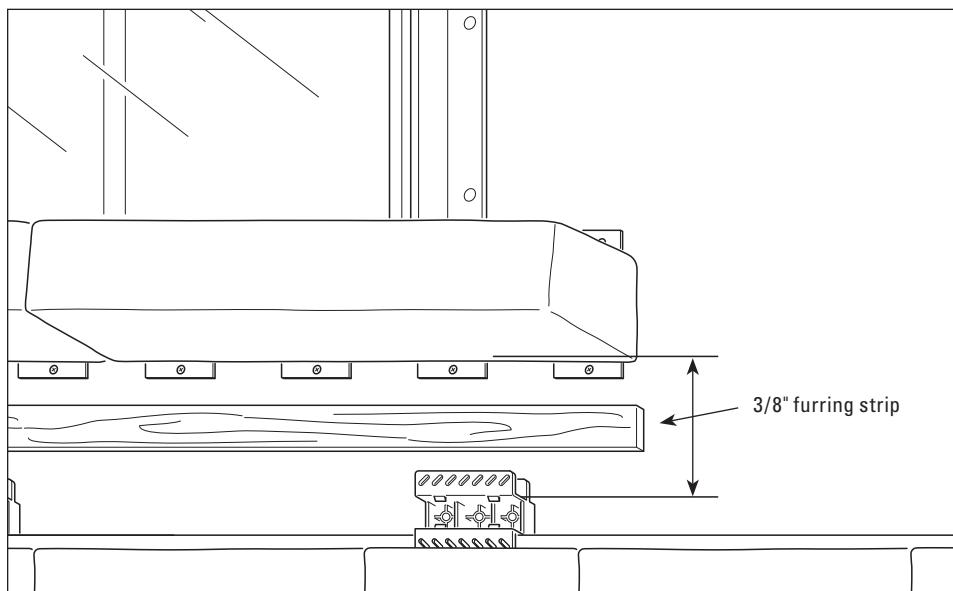
- All window flashing or tape should be applied per manufacturer's instructions.
- Install with No. 12 x 1-1/2" long hex-head screws\* or comparable screw through mounting flange.
- Leave 3/8" gap between sill and window frame.
- Dry fit all parts first.
- Set sill in caulk bead.
- Fill gap with backer rod and caulk material.

\* Removal of upper flange may be necessary for proper installation of each window.

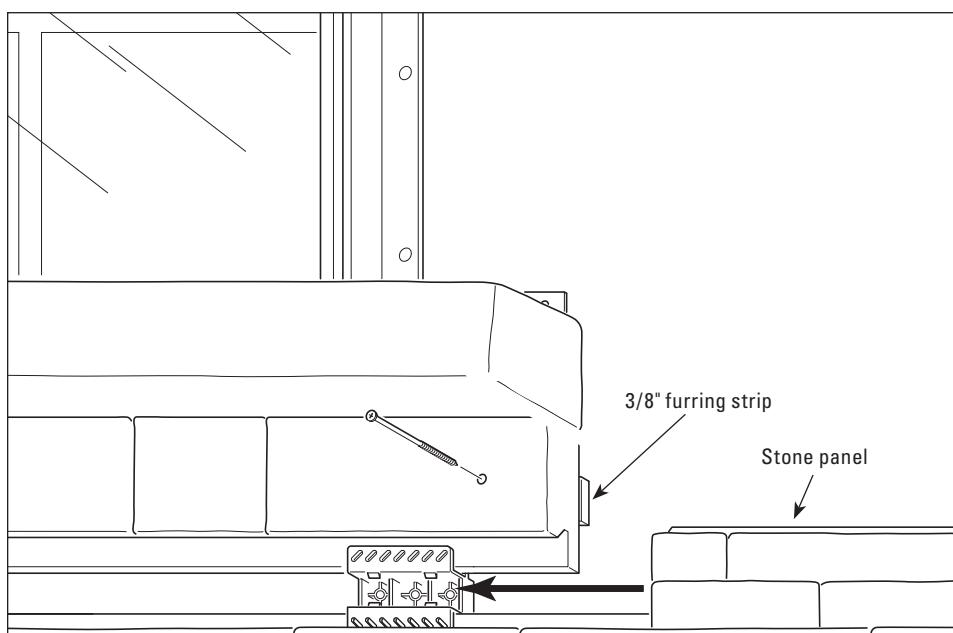


## COURSE BELOW WINDOW

- Attach 3/8" pressure treated furring strip between bracket and window.
- Measure from bracket receiver into bottom of sill and cut stone panel or transition piece to fit.



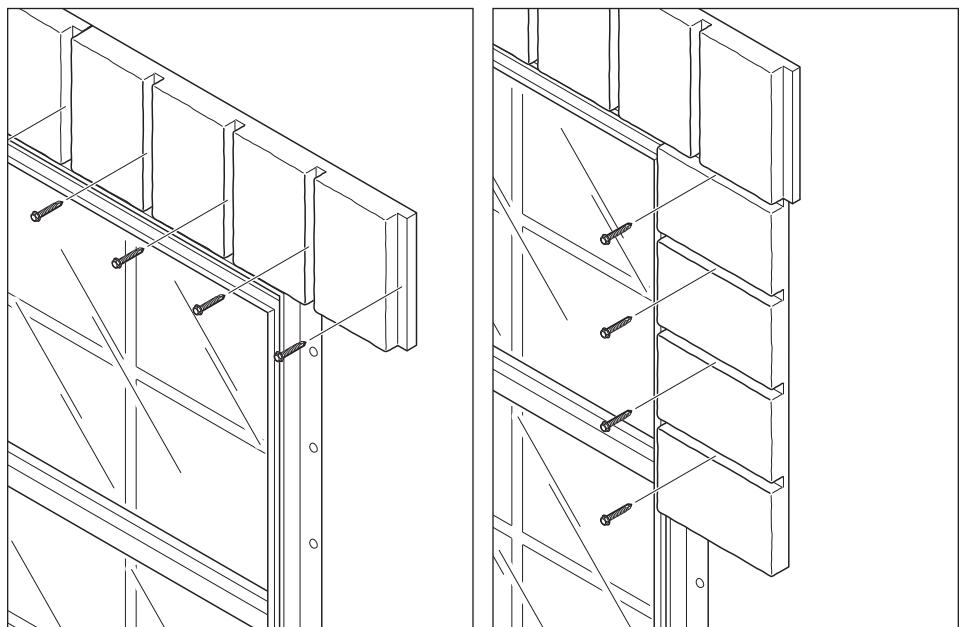
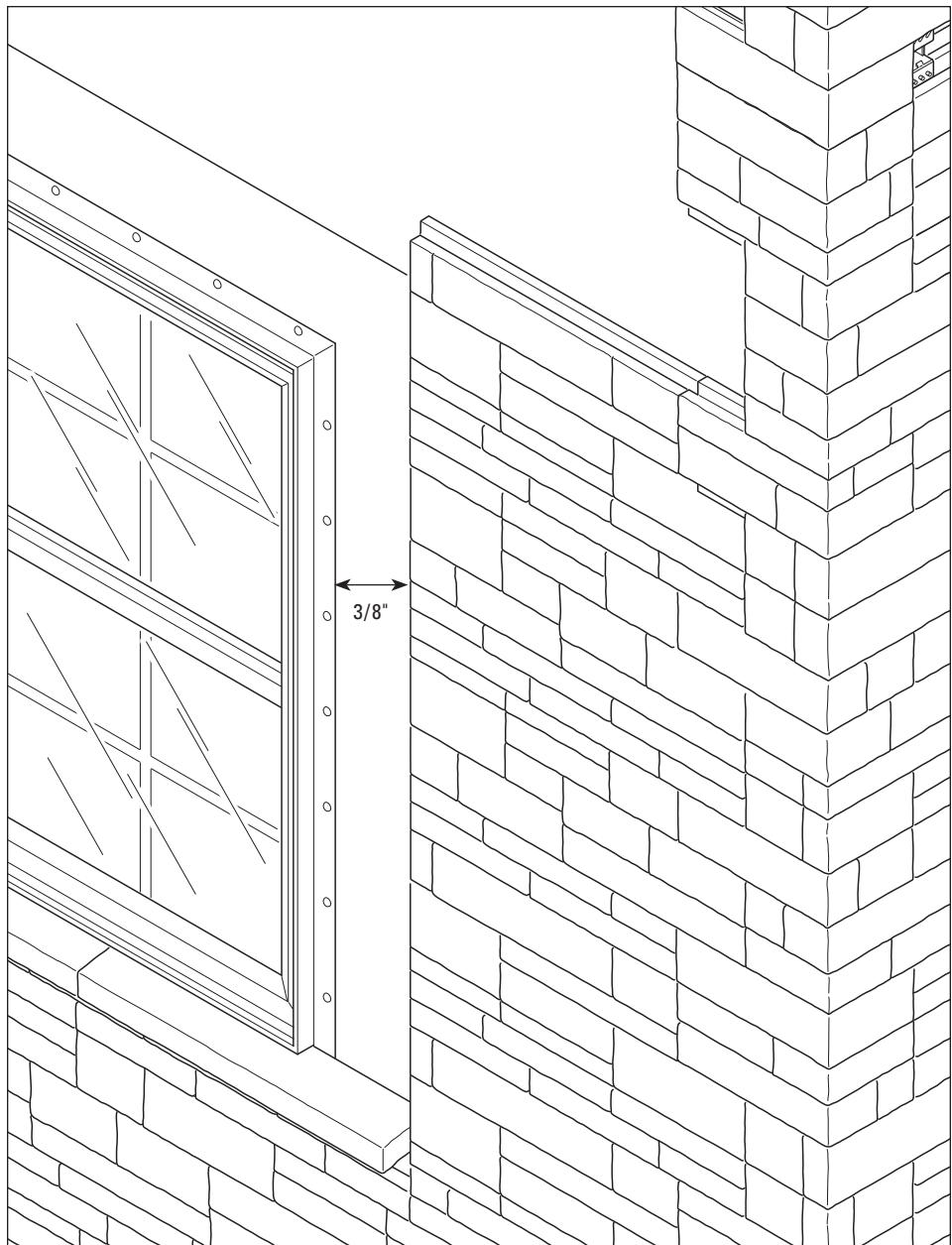
- Slide bottom of stone panel into bracket and secure the top with a minimum 4" long corrosion-resistant deck screw\* positioned at the furring strip on the wall.



\*Not included. Any screw used to install the Durata® Mortarless Stone Panel and Accessories that is not included in the packaging of the product shall be corrosion-resistant, and will not be covered under the product warranty.

## INSTALLATION AT OPENINGS WITH SOLDIERS

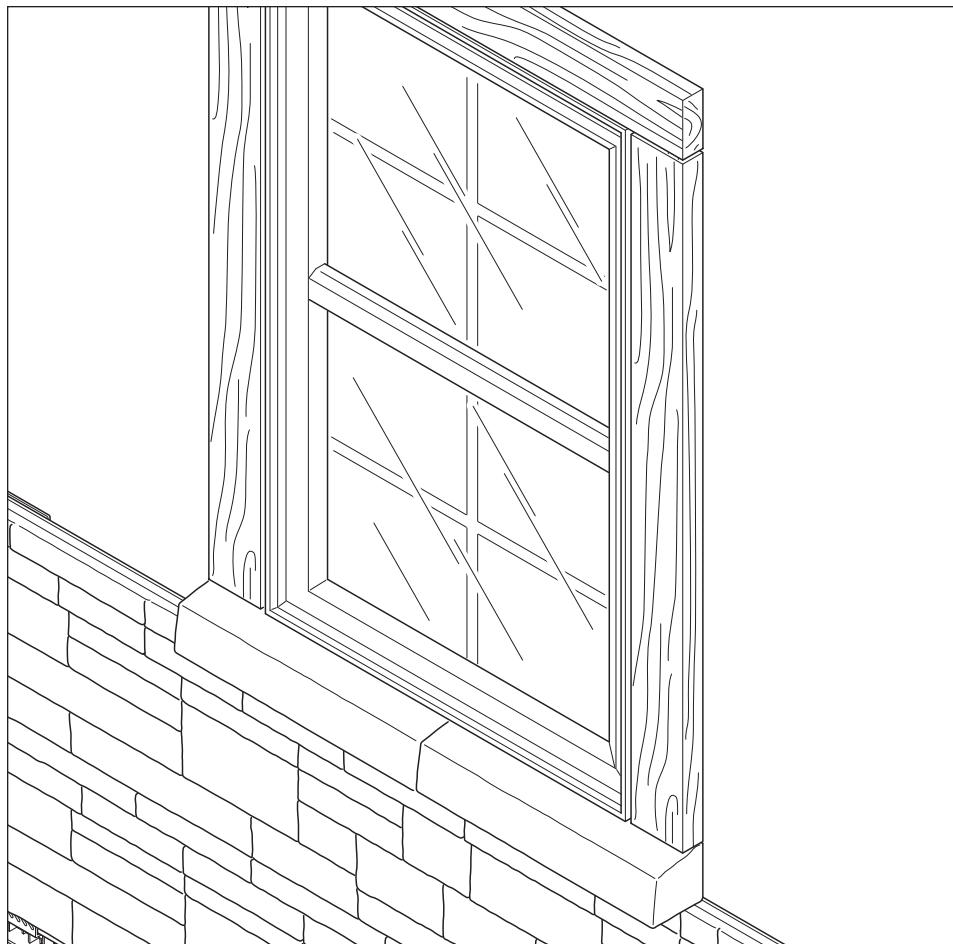
- Use a carbide tipped 1/4" masonry bit.
- Pre-drill trim stone (soldiers) as shown below.
- 7" wide soldiers to top and sides of opening with minimum 4" long corrosion-resistant deck screws\*. Allow 1/4" to 3/8" gap to window.
- Apply backer rod and caulk in gap.



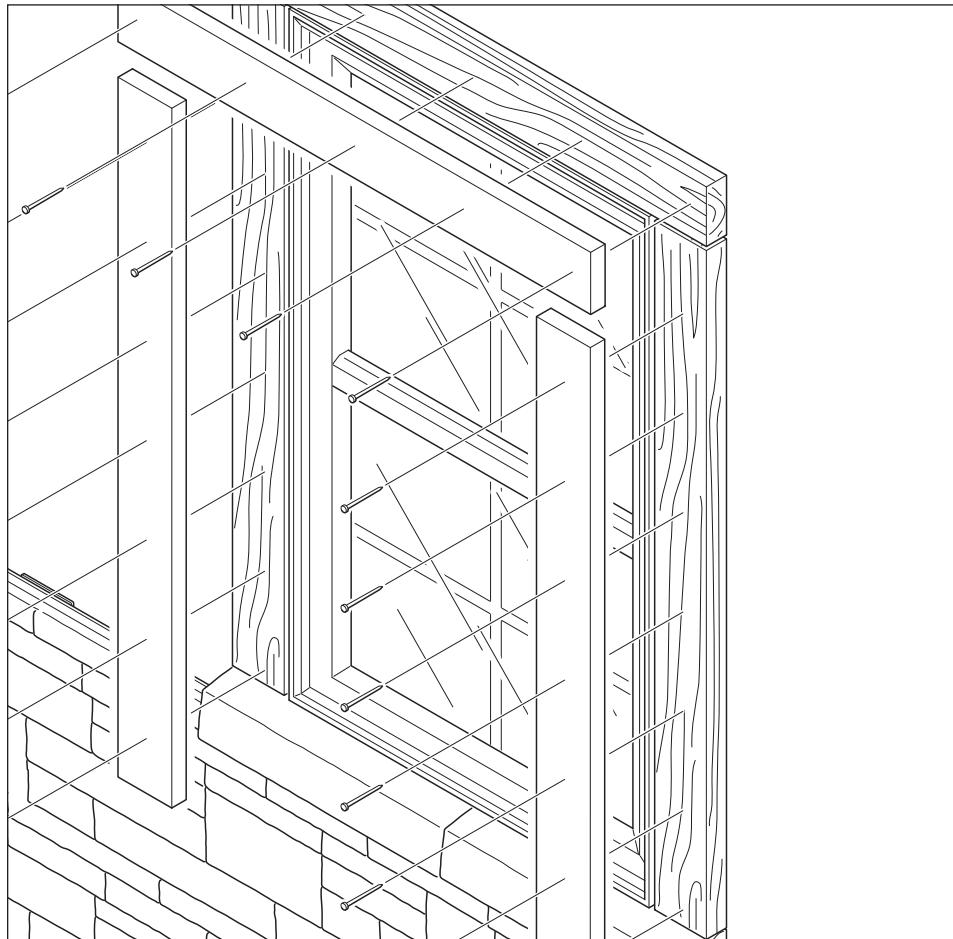
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## OPTIONAL INSTALLATION AT OPENINGS WITH CELLULAR PVC

- Make sure appropriate window flashing is installed.
- Attach 1-5/8" (2 x 4) wood member the same width as Cellular PVC Trim at top and sides of the opening.

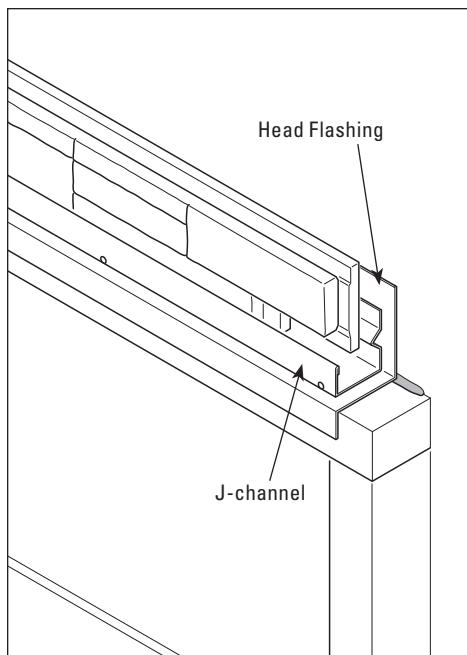


- Attach Cellular PVC Trim over wood member with finish trim nails or other approved fasteners.
- Proceed with installation of Durata around opening. Cut Durata panels to fit flush with trim.
- Apply caulk to all gaps.



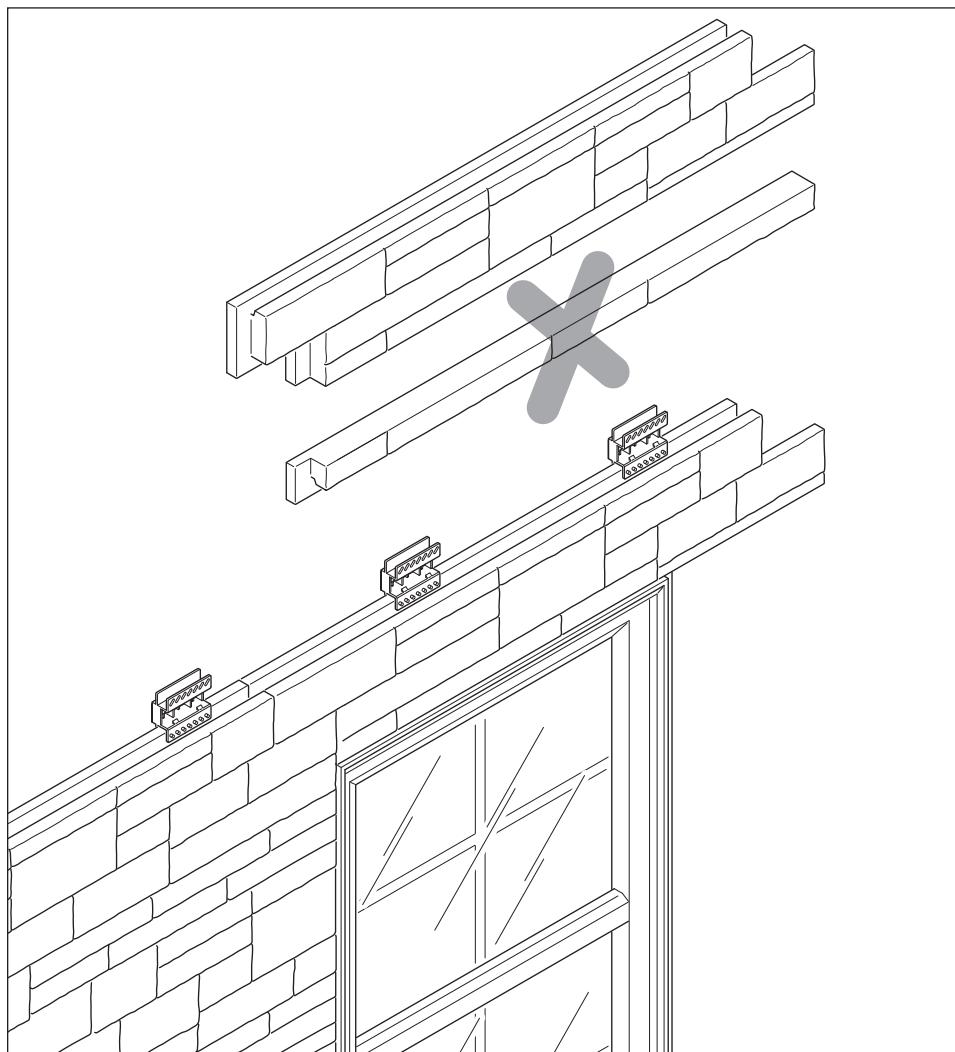
## INSTALLING STONE PANEL ABOVE OPENINGS

- When installing stone panel above an opening (such as doors, windows and garage doors), it is necessary to attach a head flashing, sealant and j-channel.
- Drill 1/8" hole in base of J-channel face every 16".



HEAD FLASHING AND J-CHANNEL

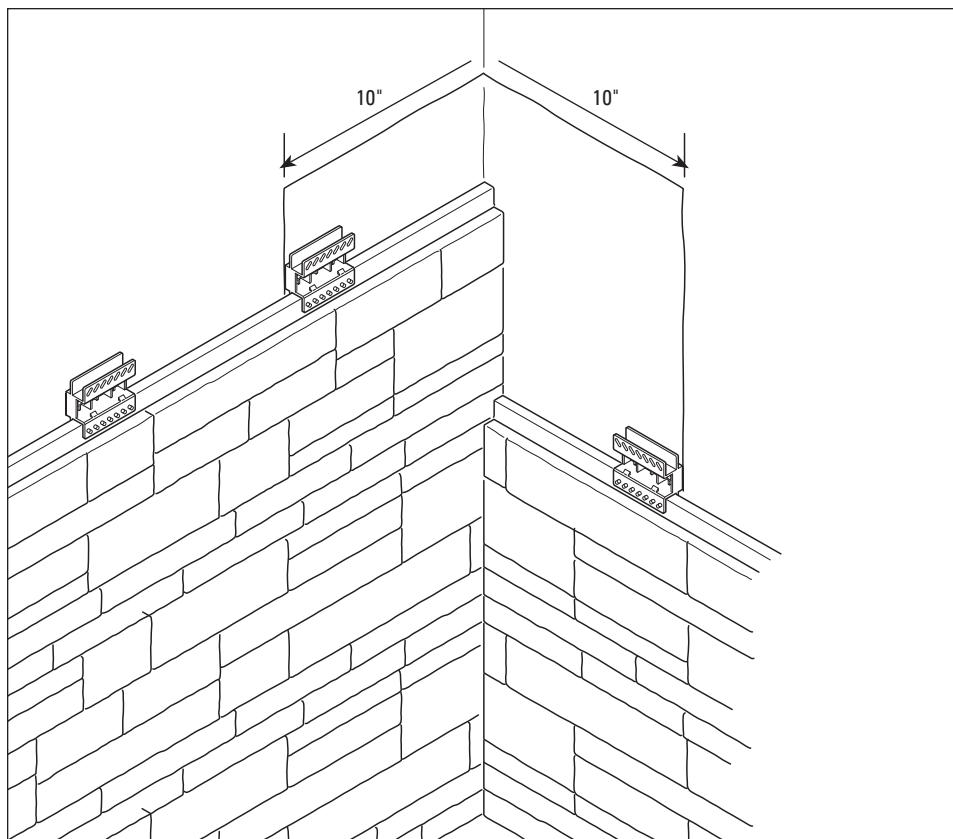
- An option for installation above windows would be to cut stone panel intersecting top of the window as needed. Use standard clip.
- Add 3/8" pressure treated furring strips behind panel when screwing panel to wall.



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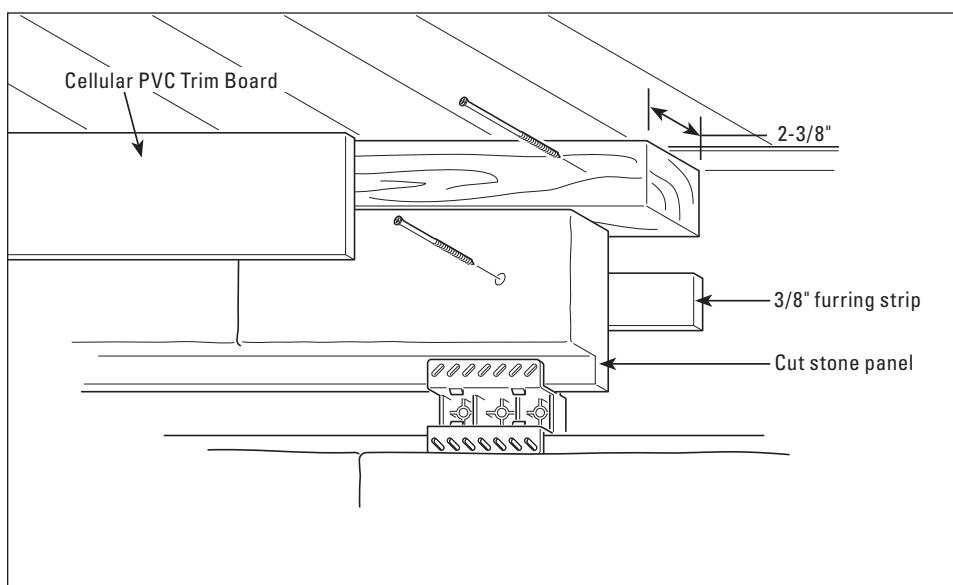
## INSIDE CORNERS

- Wrap inside corner with extra layer of a moisture barrier extending 10" in both directions from the corner.
- Install stone panel flush into corner.
- On adjacent wall, position stone panel against existing panel to form the corner.



## TOP COURSE

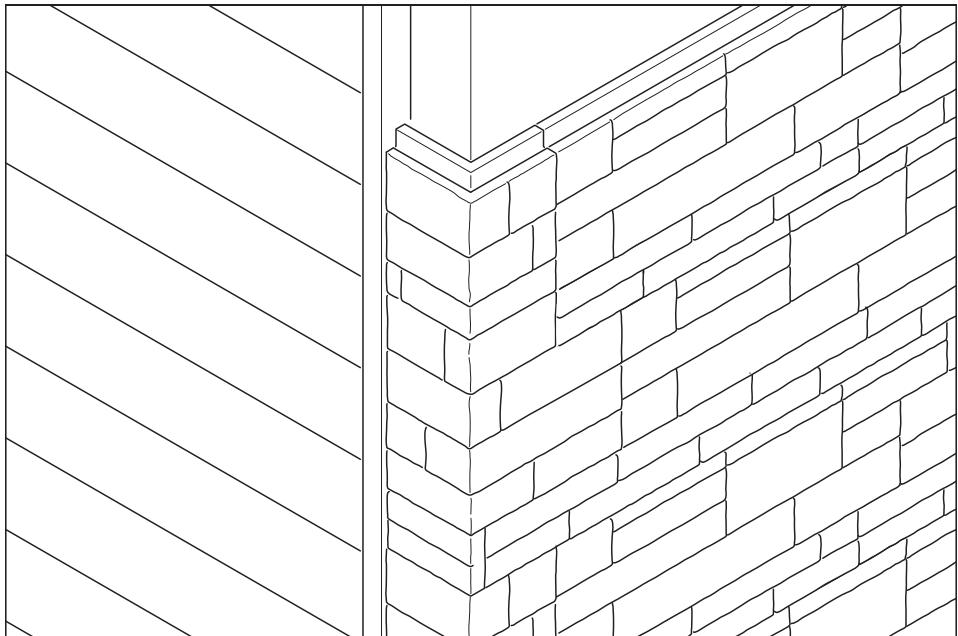
- Attach 3/8" pressure treated furring strip to wall for attachment of stone panel.
- Insert bottom of panel in bracket receiver and secure the top with a minimum 4" long corrosion-resistant deck screw\* positioned at the furring strip on the wall.
- Rip a 2 3/8" wide piece from a pressure treated wood board and attach at the top of wall (and/or soffit) with a 4" long corrosion resistant deck screw.
- For exterior applications, finish with Cellular PVC Trim Board, attaching to the wood member with finish trim nail or other appropriate fastener.
- For interior applications, finish with selected interior moulding.



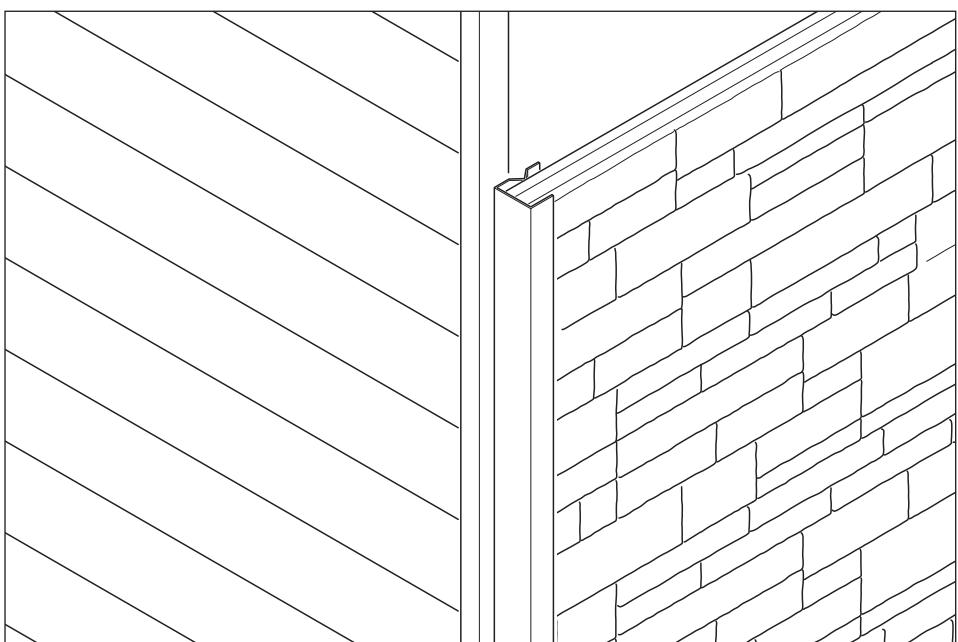
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## ADDITIONAL FINISH OPTIONS

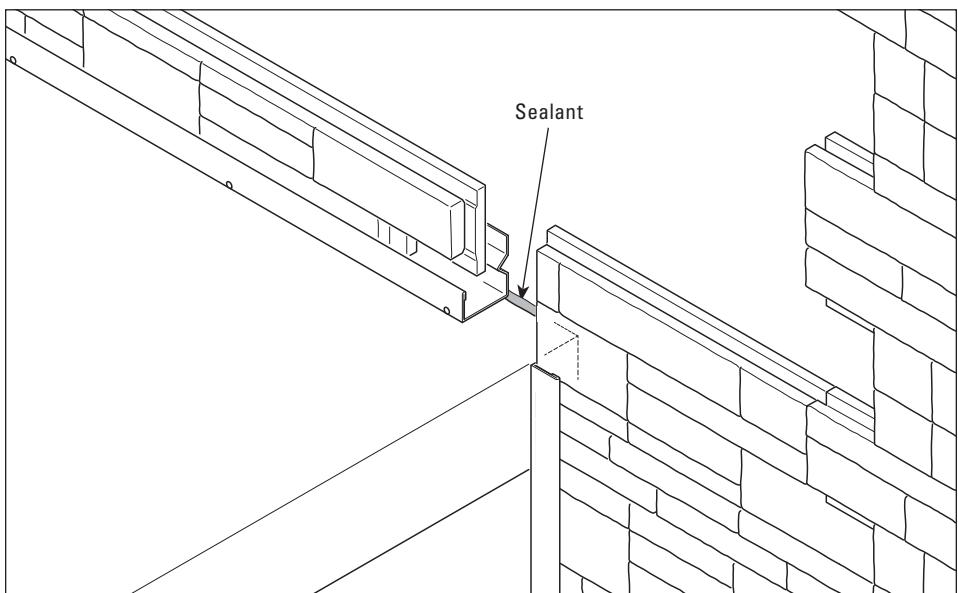
- Cut extensions off corner and butt to J-channel on adjacent wall.



- Use J-channel as finish at corner or where exterior material changes.



- Use J-channel to receive the bottom of the stone panel at an elevation change, i.e. bottom of wall to porch.
- Drill 1/8" hole in base of J-channel face every 16".





2600 Grand Blvd. Suite 900, Kansas City, MO 64108

Toll-free: 877-804-1670

E-Mail: support@plygemstoneinfo.com

[plygemstone.com](http://plygemstone.com)

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