



**NextStone**<sup>TM</sup>  
**.com**

**NEXTSTONE<sup>TM</sup>**  
**INSTALLATION**  
**MANUAL**

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# FORWARD

Compared to natural or cast stone, NextStone™ polyurethane products are designed for an easier, quicker installation requiring fewer steps. Masonry skills are not required. This Manual provides basic guidelines for NextStone™ installation. Additionally, it is recommended that Installers review applicable building codes for specific products and/or geographic areas. This publication is not intended to provide specific advice, legal or otherwise, on particular products or processes. Readers should consult with their own legal and technical advisors, suppliers, and other appropriate sources including but not limited to product or package labels, technical bulletins and sales literature that contain information about known health and safety risks. NextStone™ does not assume any responsibility for the users non-compliance of applicable laws and regulations.

## IMPORTANT NOTES

This Installation Manual should be used as a guide for installation of NextStone™ Products. It is the responsibility of the Contractor and/or the Installer to ensure panels are installed in accordance with these instructions and any applicable building codes. The manufacturer assumes no liability for either improper installation or personal injury resulting from improper use or installation.

### ACCLIMATION

All products must be allowed to acclimate for a minimum of 48 hours. While Polyurethane expands and contracts in it's natural state, heat and moisture may cause minimal expansion and contraction. Best results are obtained by installing cool, dry product. **NextStone™ does not warrant against gapping caused by expansion and contraction.**

### STORAGE AND TRANSPORTATION

All panels must be stored flat, in the box, at 65° Fahrenheit when possible until ready for installation. While polyurethane has minimal expansion and contraction, the effects of expansion and contraction can be minimized by avoiding installation during periods of extreme heat or cold. Do not store in direct sunlight before installing.

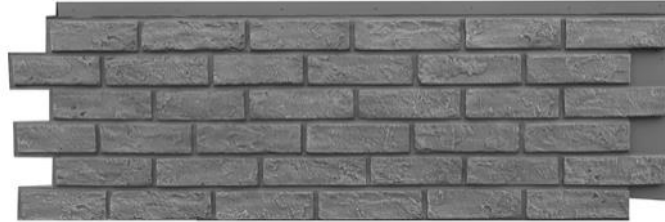
### INSTALLATION BASICS

Never leave cut edges of NextStone™ products exposed. Exposed Polyurethane will discolor with exposure to sunlight. Use NextStone™ touch-up paint or other color match with a good quality latex paint. Drive the first screw on the right hand side of the panel at a 45 degree angle to the left in order to tighten the panel into adjacent panel, corner or wall.

# PRODUCT LINE

## PANELS AND INTERLOCKING OUTSIDE CORNERS

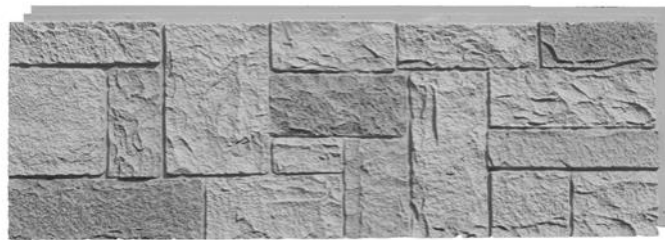
**Brick Panel** - Brick Panels have the look and texture of classic brick. Panel dimensions are 15¼" x 43½" x 1½" and are packaged 4 Panels per box covering approximately 17.72 square feet per box.



**Brick Outside Corner** - 4 Corners per box (2 Left, 2 Right). Dimensions are 12" x 15¼" (long side) and 6½" x 15¼" (short side). Used to wrap 90° corners and will interlock flush to the Brick Panels eliminating compound miter cuts and caulking of the joints.



**Castle Rock Panel** - Castle Rock Panels provide a seamless design with vertical and horizontal stones. Panel dimensions are 15¼" x 43¼" x 1¼" and are packaged 4 panels per box covering approximately 16.12 square feet per box.

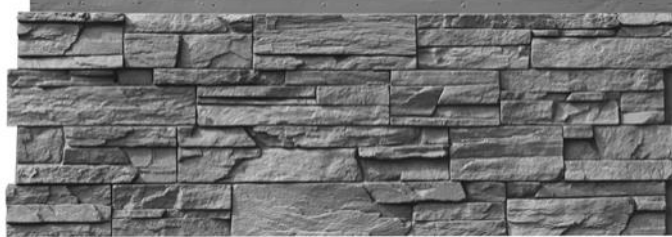


**Castle Rock Outside Corner** - 4 Corners per box (2 Left, 2 Right). Dimensions are 11" x 15¼" (long side) and 7" x 15½" (short side). Used to wrap 90° corners and will interlock flush to the Castle Rock Panels eliminating compound miter cuts and caulking of the joints.



# PRODUCT LINE

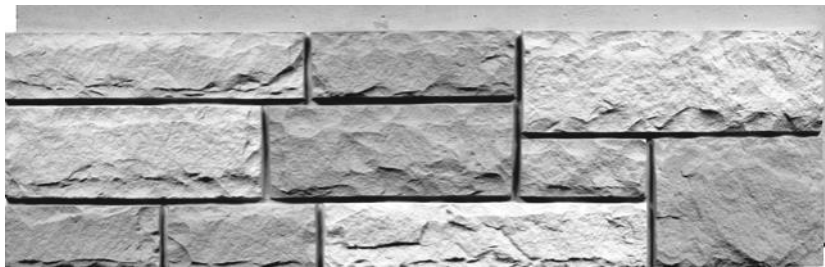
**Country Ledgestone Panel** - Country Ledgestone Panels have a faux finish and bring character to a common stone application. Panel dimensions are 15½" x 43½" x 1½" and are packaged 4 panels per box covering approximately 16.96 square feet per box.



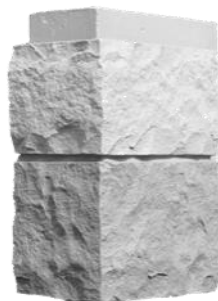
**Country Ledgestone Outside Corner** - 4 Corners per box (2 Left, 2 Right). Dimensions are 8¼" x 15½" (long side) and 5½" x 15½" (short side). Used to wrap 90° corners and will interlock flush to the Country Ledgestone Panels eliminating compound miter cuts and caulking of the joints.



**Random Rock Panel** - This original NextStone™ rock profile has the look of quarried stone. Panel dimensions are 15 ½" x 48" x 1½" and are packaged 4 panels per box covering approximately 19 square foot per box.

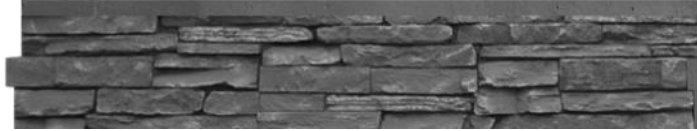


**Random Rock Outside Corner** - 4 Corners per box (2 Left, 2 Right). Dimensions are 11" x 15½" (long side) and 7" x 15½" (short side). Used to wrap 90° corners and will interlock flush to the Random Rock Panels eliminating compound miter cuts and caulking of the joints.

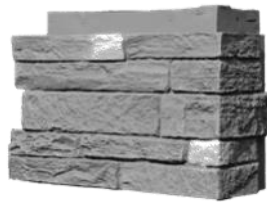


# PRODUCT LINE

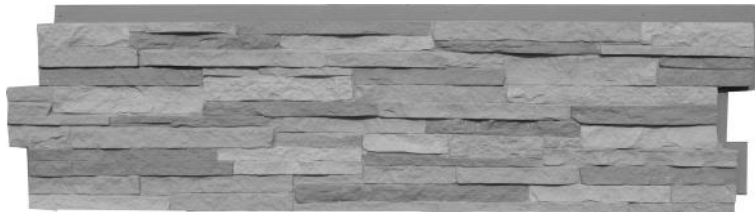
**Slatestone Panel** - Slatestone panels have a stacked stone appearance with deep and defined grout lines . Panel dimensions are 8 $\frac{1}{4}$ " x 43" x 1 $\frac{3}{4}$ " and are packaged 8 panels per box covering approximately 17.12 square foot per box.



**Slatestone Outside Corner** - 4 Corners per box (2 Left, 2 Right). Dimensions are 12 $\frac{3}{4}$ " x 8 $\frac{1}{4}$ " (long side) and 4 $\frac{1}{4}$ " x 8 $\frac{1}{4}$ " (short side). Used to wrap 90° corners and will interlock flush to the Slatestone Panels eliminating compound miter cuts and caulking of the joints.



**Stacked Stone Panel** - Stacked Stone Panels provide the traditional flat stacked stone appearance. Panel dimensions are 13 $\frac{1}{4}$ " x 46 $\frac{1}{2}$ " x 1 $\frac{1}{2}$ " and are packaged 5 panels per box covering approximately 18.15 square feet per box.



**Stacked Stone Outside Corner** - 4 Corners per box (2 Left, 2 Right). Dimensions are 12" x 13 $\frac{1}{4}$ " (long side) and 4 $\frac{1}{4}$ " x 13 $\frac{1}{4}$ " (short side). Used to wrap 90° corners and will interlock flush to the Stacked Stone Panels eliminating compound miter cuts and caulking of the joints.



# PRODUCT LINE

## SANDSTONE CORNERS

**Sandstone Outside Corner** - 2 corners per box for a total of 8 linear feet. Dimensions are 5½" x 5½" x 48". These corners are used on 90 degree outside Corners and are installed prior to the panels. Panels will sit securely behind the corners.



**Sandstone Inside Corner** - 2 corners per box for a total of 8 linear feet. Dimensions are 3½" x 3½" x 48". These corners are used on 90 degree inside Corners and are installed prior to the panels. Panels will sit securely behind the corners.



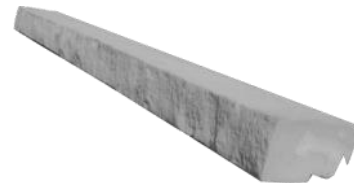
**Sandstone Flush Outside Corner** - 2 corners per box for a total of 8 linear feet. Dimensions are 3" x 3" x 48". These corners are used on 90 degree outside corners and are installed prior to the panels. Panels sit flush to corners and can be used to transition into another product.



# PRODUCT LINE

## SANDSTONE ACCESSORIES

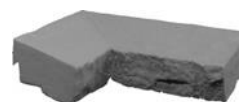
**Sandstone Ledger** - 4pcs. per box for a total of 16 linear feet. Dimensions are 2½" x 4" x 48". Used as a water sill and aids in the transition between other siding products and NextStone™ Panels in wainscot installations.



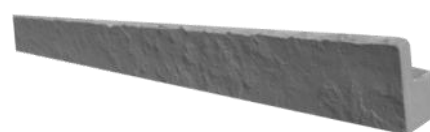
**Sandstone Ledger Outside Corner** - 2pcs. per box. Dimensions are 4¼" x 6¼" x 2½". Used to wrap corners in conjunction with Ledgers. Prevents the need for compound miter cuts or caulking 90° joints.



**Sandstone Ledger Inside Corner** - 2pcs. per box. Dimensions are 9 ¾" x 7 ⅝" x 2½". Used to wrap corners in conjunction with Ledgers. Prevents the need for compound miter cuts or caulking 90° joint.



**Sandstone Window and Door Trim** - 4pcs. per box for a total of 16 linear feet. Dimensions are 2¼" x 3½" x 48". Used to trim around doors and windows. Can also be used as termination ends for wall applications.



**Sandstone Small Mounting Block** - 1pc per box. Dimensions are 8" x 9" x 2¼". Used behind hose bibs, electrical boxes, small electrical fixtures, etc. Provides a flush mounting surface for watertight installations.



**Sandstone Large Mounting Block** - 1pc per box. Dimensions are 10" x 13" x 2¼". Numerous uses such as mounting large exterior lights or as a house address plaque. Provides a flush mounting surface for watertight installations.



## RECOMMENDED WITH EVERY INSTALL

**Metal Starter Strip** - 2" x 48". Used to begin the first (bottom) course of NextStone™ panels by securing the bottom panel and avoiding the need to face screw. Ensures level installation.



**Touch Up Paint Kit & Grout** - Used to finish cut ends, sealing miter joints, cover surface damage, or general touch up.





# PRODUCT LINE

## SPECIALTY ACCESSORIES

### Slatestone 1pc Post Cover (Sleeve)

Outside dimensions are 8" x 8" x 41". Can be installed over any nominal 4x4 or 6x6 post or column. Post covers can be stacked for taller post applications or cut for shorter applications. Converter Kits are available to fit out 4x4 posts and are sold separately.



### Slatestone 2pc Post Cover (Split)

Outside dimensions are 8" x 8" x 41". Split Post Covers are for installing around existing posts or columns that can not detach. Can be installed around any nominal 4x4 or 6x6 post or column. Post covers can be stacked for taller post applications or cut for shorter applications. Converter Kits are available to fit out 4x4 posts and are sold separately.



**NOTE: INSIDE POST SIZES ARE NOMINAL 4X4 AND 6X6.  
TRUE DIMENSIONS ARE 3½" X 3½" AND 5½" X 5½".**

**Slatestone Post Cover Cap** - 10½" x 10½" x 3". Used for any 8" x 8" Slatestone Post Cover.



### Slatestone 30" Column Wrap

Outside dimensions are 16" x 16" x 30". Four finger jointed panels are used to wrap columns. Inside Dimensions are 13⅞" x 13⅞". Can be stacked for taller applications or cut for shorter applications.



### Sandstone 18" Column Wrap Cap

Used for all Slatestone 30" Column Wraps and Columns made from Interlocking Outside Corners.



# BASIC TOOLS / EQUIPMENT

## SAFETY EQUIPMENT

Always wear safety glasses for eye protection. Wearing a dust mask is recommended.

## HAND TOOLS

Any wood cutting saw with a fine tooth steel or carbide tip blade. (NextStone™ does not dull blades and does not require a special blade). 4' level, tape measure, chalk line, power or cordless drill with 4" bits or extension, framing square or speed square, jigsaw or saber saw, wood rasp, and caulking gun.



## FASTENERS

For exterior applications, good quality deck screws or stainless steel screws are recommended. Concrete applications require mechanical fasteners such as Tapcon™ and possibly an adhesive for additional support (*adhesive is not required for installation*). The length of the screw will vary depending on the panel thickness or accessory piece being installed. Verify length under section specific to product being installed. Using the screw guide points on the panel screw hems, screw through the substrate and into a stud when practical, with a **minimum of 6 screws per panel and a screw no less than 1" from each end of the tongue as well as in the bottom right corner of the tongue**. Plumbers tape is used to install outside corners (*non flush*). Allow 1 roll for 4 outside corners.

## ADHESIVE

The use of adhesives is optional, however they may allow for an easier installation process in certain small applications. NextStone™ recommends the use of a good quality polyurethane adhesive such as PL Premium Construction Adhesive by Loctite. Most construction based adhesives are not compatible with polyurethane and should never be used. The surface where the adhesive is to be applied must be sanded and cleaned prior to applying the adhesive in a vertical application. If using an adhesive other than those NextStone™ recommends, testing on a panel prior to beginning an installation is advised.

# PREPARING THE WALL

## RECOMMENDATIONS FOR NEW CONSTRUCTION

All studs must be straight and true to avoid bulges or dips in the finished wall. Correct any bowed studs prior to installation if necessary. Sub-wall assembly must be weather tight before applying NextStone™. NextStone™ accessories alone may not constitute a waterproof installation. **Wall sheathing should be weather-resistant, or covered with a weather-resistant barrier such as fanfold insulation, house wrap, or building paper. Independent studies indicate that the combination of a weather resistant barrier plus a house wrap results in improved weather performance.** Some building code jurisdictions are currently requiring this protection. sheathing must be properly fastened to the framing according to building code requirements and/or the sheathing manufacturer's recommendations. NextStone™ should be applied over a sheathing that provides a smooth, flat, solid, non-expansive, stable surface. Flashing and caulking should be added as needed in such areas that transition from NextStone™ to other siding products, windows, and doors to control moisture and protect the sub-wall assembly.

## RECOMMENDATIONS FOR EXISTING STRUCTURES

Secure or remove any loose siding material and replace any rotten wood. Scrape off loose caulk and other build-up that may interfere with the NextStone™ installation. Remove all items such as downspouts, light fixtures, vents, etc. in the area to be covered. Install suitable sheathing, as needed, to provide a smooth, flat, and stable surface for the installation of NextStone™ panels. **See above information in the New Construction section for additional instructions on sub wall protection and flashing.**

## RECOMMENDATIONS FOR MASONRY STRUCTURES

A smooth, flat, stable surface is required for proper installation of NextStone™. Concrete, cinder or brick walls may need filling unless they are already in a smooth and flat condition. Uneven walls may require furring strips to provide a flat surface. When applying NextStone™ directly to concrete, cinder, or brick walls, the use of concrete screws (such as Tapcon™) is recommended. Please refer to page 10 for fastener information.

# STARTER STRIP INSTALLATION

## STARTER STRIP

In order for NextStone™ panels to be installed level and to avoid screwing through the rock face of the panel, the starter strip at the base of the wall must be level.

### Step 1

Mark the wall horizontally where you want the bottom of the panel to rest. Measure up 2½" to 3" depending on ground level surface and partially drive a nail at one corner for attaching your chalk line.

### Step 2

Attach a chalk line: go to the next corner, repeat step 1, and pull the line taut. Make sure the line is level by using a line level or 4' level.

### Step 3

Snap the chalk line and repeat the procedure on each area to be covered.

### Step 4

Backset the starter from the edge 1 ¾" for Interlocking Outside Corners, 2 ¼" for door/window trim, 3 ¾" for inside corners or 2" for Sandstone Outside Corners.

### Step 5

Place the top edge of the starter strip on the chalk line with the "v" at the bottom away from the wall. Screw the starter to the substrate using screws every 16". Make sure Starter Strip is level. This will give ¾" clearance from the bottom of the panel to the ground. If additional clearance is required, adjust the starter strip height accordingly.



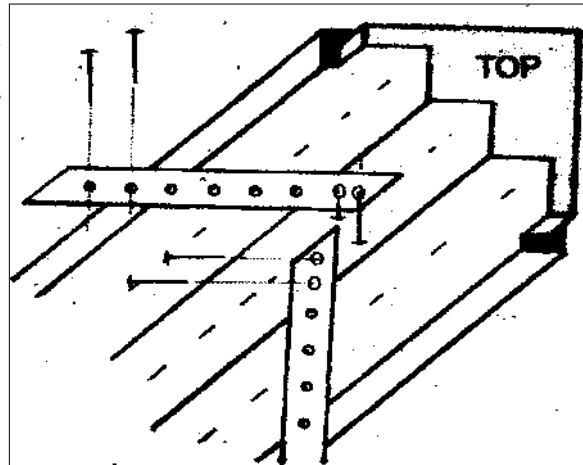
# CORNER INSTALLATION

## SANDSTONE OUTSIDE CORNERS

Determine how you plan to finish the corner as this will dictate the length of the corner when using bold Sandstone Outside Corners versus Interlocking Corners. Corners can be capped with ledger or ledger corners.

### Step 1

Cut 6 pieces of plumbers strap approximately 6" long. With the corner upside-down so that the "stair-step" blocks are exposed, attach the strap to the top block on the left side so that it extends out at a right angle to the corner. The same should be done to the 3<sup>rd</sup> block, the bottom block, and finally to the same three blocks on the right side.



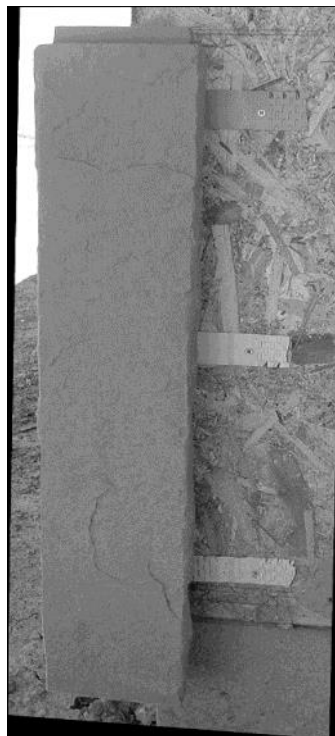
### Step 2

Apply the corner so that the bottom of the corner lines up with the bottom of the first panel. Screw through the end of the strap into the structure.

### Step 3

If more than one length of outside corner is required, stack the corners by locking the male end at the top of the corner to the female end on the bottom of the corner.

***Note: Sandstone Accessories are universal and can be used with all panel profiles***



***Optional Install: Corners can be face screwed to attach but must be filled in with grout and painted over to conceal screw heads.***

# CORNER INSTALLATION

## SANDSTONE INSIDE CORNERS

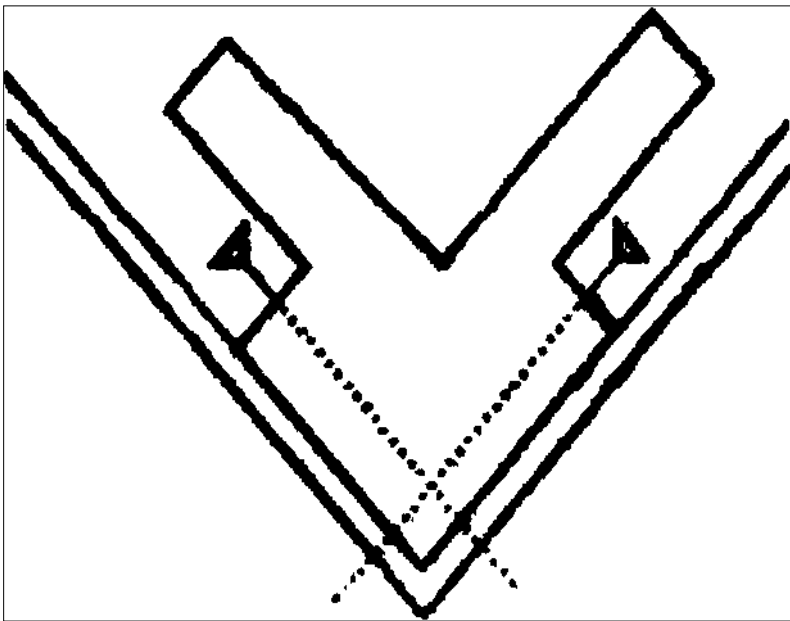
Determine how you plan to finish the corner as this will dictate the length of the corner. Corners can be capped with ledger or ledger corners. For a ledger finish, the top of the corner (the end with the lip on top) should be 1  $\frac{5}{8}$ " below the top of the flange on the top panel.

### Step 1

Place corner so that the bottom of the corner will be flush with the bottom of the bottom panel. Screw thru the recessed channel at the top, bottom and middle of each side of the corner using at least a 4  $\frac{1}{2}$ " screw. Adhesive maybe applied to the blocks on the back side of the corner, if appropriate for the installation.

### Step 2

If more than one length of outside corner is required, stack the corners by locking the male end at the top of the corner to the female end on the bottom of the corner.



*Optional Install:  
Corners can be face  
screwed to attach but  
must be filled in with  
grout and painted over  
to conceal screw  
heads.*

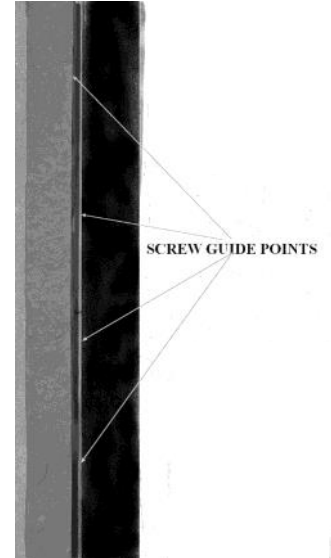
***Note: Sandstone Accessories are universal and can be used with all panel profiles***

# CORNER INSTALLATION

## SANDSTONE FLUSH OUTSIDE CORNER

### Step 1

Install moisture barrier. Flush mounted corners can allow moisture infiltration between the panel and the corner. A moisture barrier may be required behind the panels and corner extending a minimum of 4" from either side of the corner. A self-adhering flashing membrane such as Grace Vycor® is recommended.

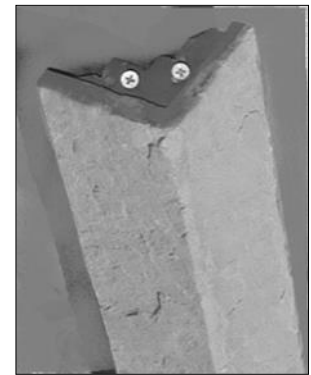


### Step 2

Flush mounted outside corners are 4' tall. The placement of the corners will depend on how the top of the corner is terminated. For applications over 48" in height, the corner pieces can be stacked with the final corner cut to the required height.

For wainscot applications, the corner can be capped with a ledger attached to the tongue of the top panel and cut with a compound miter at a 45° angle, or a Ledger Outside Corner can be used.

The top of the corner should be placed 2" below the top of the tongue on the top panel.

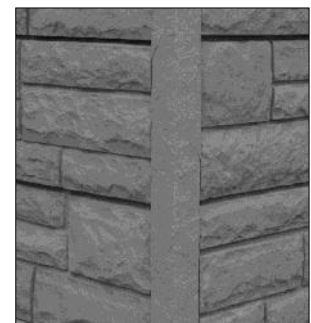


### Step 3

The corner has screw guides or dimples to help position the screws using the correct angle. There are also screw guides along the sides. All screws are installed at an angle and at a location where they will be concealed. Install two screws through the top and at least 4 on each side. Good quality exterior screws, #6 or #8 x 2 1/2" are recommended.

### Step 4

Install the remaining accessories and finish the panels. The joints between the panels and the corner must be caulked using a good quality caulk or textured grout to make a water-tight installation.



*Note: Sandstone Accessories are universal and can be used with all panel profiles*

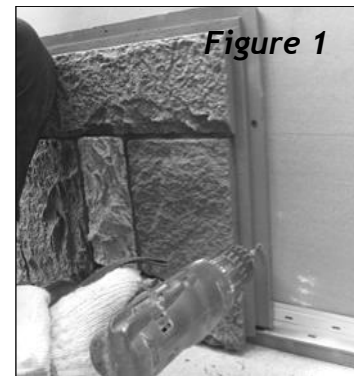
# CORNER INSTALLATION

All products must be allowed to acclimate; removed from boxes and stored at the installation site for a minimum of 48 hours. Heat and moisture cause expansion. Best results are obtained by installing a cool, dry product. NextStone™ does not warrant against gapping caused by expansion or contraction due to improper installation.

## INTERLOCKING OUTSIDE CORNERS

### Step 1

After placing the Start Strip, set the outside corner piece against the corner and down into the strip. Using the screw guides, place at least 3 screws along the top tongue and 2 screws at the right lap side of the corner where indicated. (fig. 1)



### Step 2

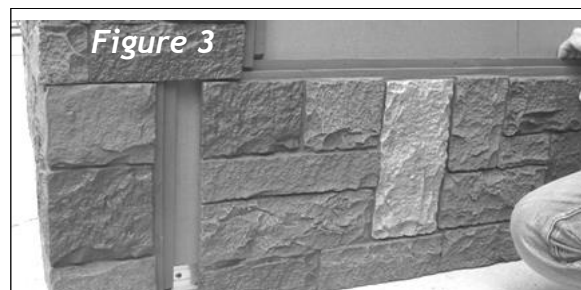
Slide the second corner over the top of the first corner and attach as indicated above. Continue alternating corners until desired height is reached. (fig. 2)



### Step 3

Interlock the panels working out from each corner. (fig. 3)  
Install from Left to Right.

- If the length of the wall does not allow the panels to interlock into the corners at the end of a run, cut the panel vertically in the middle of the panel to meet the length.
- If terminating the run at the right side with alternate trim pieces, measure the end of the grout line to the accessory piece and add 1" if sliding behind a trim piece. Straight cut the panel and fit behind trim piece or cut the panel flush so it meets the terminating Accessory.





# CORNER INSTALLATION

All products must be allowed to acclimate; removed from boxes and stored at the installation site for a minimum of 48 hours. Heat and moisture cause expansion. Best results are obtained by installing a cool, dry product. NextStone™ does not warrant against gapping caused by expansion or contraction due to improper installation.

## INTERLOCKING OUTSIDE CORNERS CONTINUED

### Step 4

Corners can be capped with a Sandstone Ledger (requires miter cutting) or Sandstone Ledger Outside Corner. (fig. 4)



### Step 5

Cut panels and corners around fixtures and other wall protrusions (hose bibs, electrical boxes, dryer vents, etc.) to accommodate NextStone™ Mounting Blocks. See Install instructions on page 23 for details on how to install the mounting blocks.

**Note:** Interlocking Outside Corners come Four (4) Corners per box (2 Left, 2 Right). Corners are all different patterns. Check for the numbers on the inside of each corner and be sure to alternate left and right corners with each course preventing possible pattern repetition.

# PANEL INSTALLATION

All products must be allowed to acclimate; remove from boxes and store at the installation site for a minimum of 48 hours. Heat and moisture cause expansion. Best results are obtained by installing a cool, dry product. NextStone™ does not warrant against gapping caused by expansion or contraction due to improper installation.

## ALL PANEL PROFILES

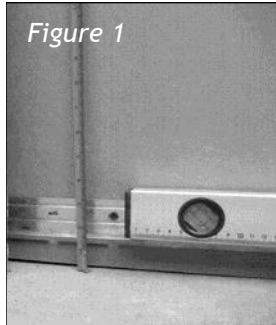


Figure 1

### Step 1

**Metal Starter Strip** - Determine at what height above grade level you want the panel to sit. Measure up 2 ½" to 3" from that point and strike a level line. (fig. 1)

*\*See page 12 for more specific Starter Strip install instructions.*

### Step 2

Determine which type of wall installation is required and follow the steps provided below:

#### A) Paneling the wall using Sandstone Window Door Trim as termination pieces on both ends

Install Sandstone Window and Door Trim (WDT) to both ends of the wall working left to right. Insert panel into starter strip and slide behind WDT. Using the screw indicator marks on the top and right end tongues of panel, (fig. 2) firmly fit the next panel into the first panel and repeat to the end of the course. Cut the right end of the final panel to fit behind WDT. Use the left over cut piece to start the next course to avoid a vertical seam at final cut on each course. Screw panels into existing substrate.

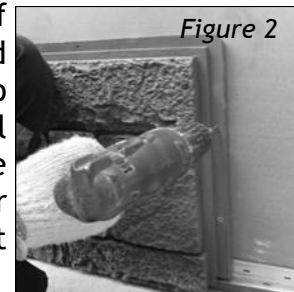


Figure 2

#### B) Paneling the wall using Sandstone Window Door Trim as a termination piece with a panel corner

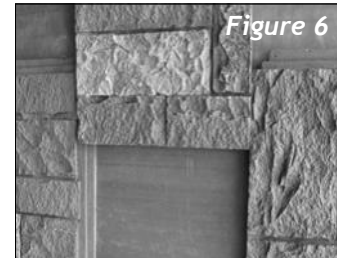
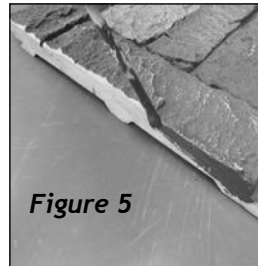
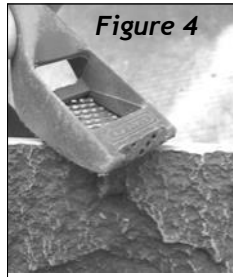
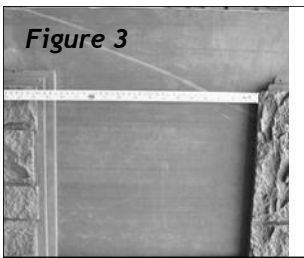
Dry fit the first corner into the starter strip. Secure with screws if necessary. Dry fit panels tightly against corner and across the wall. Cut the left end of the final panel to fit behind the Window Door Trim. Repeat each course.

# PANEL INSTALLATION

All products must be allowed to acclimate; removed from boxes and stored at the installation site for a minimum of 48 hours. Heat and moisture cause expansion. Best results are obtained by installing a cool, dry product. **NextStone™ does not warrant against gapping caused by expansion or contraction due to improper installation.**

## C) Paneling the wall using Interlocking Outside Corners

When there are 4 outside corners with no break in the wall (no window or door opening), panels may need be cut to fit the length of the wall. On each course, work from left to right and dry fit Panels and Corners. Decide on each course which panel to cut to avoid a vertical seam. Measure from the rock edge on the right side of the left panel to the left edge of the right panel (fig. 3). Cut the final panel to this length. (**Stagger the placement of the cut panels up the wall to avoid verticals line.**) After cutting the panel, lightly rasp the top of the cut edge to smooth the edge and blend it with the rocks of the next panel (fig 4). (Touch up any exposed Polyurethane edges with a NextStone™ Touch Up Paint Kit and Grout) (fig. 5). Slide in the final panel and attach (fig. 6).



## D) Paneling an Accent Wall Corner to Corner

Straight cut first panel on the left to fit flush against the left wall. The final panel in the course will need to be cut to fit properly flush to the “right” wall. Use the off cut panel to begin the second course at the left. Repeat this method to complete your wall.

### ***Important Installation Tips!***

- *Drive the first screw on the right hand side of the panel at a 45 degree angle and to the left in order to tighten the panel into adjacent panel, corner or wall. Visit the NextStone™ Classroom at [www.NextStone.com](http://www.NextStone.com) to see the video.*
- *Each panel is numbered on the back. Stagger the placement of each panel and cut panels to avoid vertical lines or repetitious patterns.*

*Example*

2	3	4	1
1	2	3	4

# TRIM INSTALLATION

## SANDSTONE WINDOW AND DOOR TRIM

Sandstone Window and Door Trim (WDT) can be used as a universal trim piece to terminate sections of NextStone™ where the panels will not turn a corner and/or as a trim piece around windows and doors. For most applications, Sandstone Window and Door Trim must be installed prior to the panels.

When using the WDT as a termination piece for a wainscot application:

### Step 1

Measure the total height of the wall before the Ledger attachment to determine length/height of WDT needed.

### Step 2

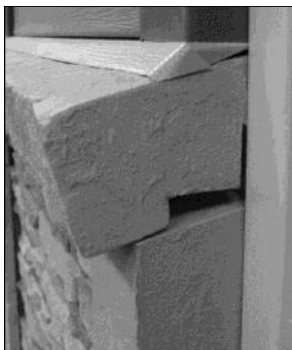
Use a level when placing WDT. Screw at a 45° angle through the top of the piece and down along the inside edge making sure to attach securely to the underlying substrate. To miter for use with ledger, cut the top of the piece on a 15° angle, with the long side of the angle against the wall. (Shown below #1)

### Step 4

If desired, a wood rasp can be used to round edges of the door/window trim to provide a more realistic look. Touch-up paint can be applied to the area formed with the rasp. Always use a finished end to start and terminate a section of door window trim. Cut ends can be butted tight and concealed with touch-up paint and caulk. (Shown below #2) End Ledger with a factory finished end. (See ledger installation).



1.



2.



Window and Door  
Trim under the  
Ledger

# TRIM INSTALLATION

## SANDSTONE LEDGER

The Sandstone Ledger is an ideal transition when using other building materials above or around NextStone™ products. It also provides a sloped sill for water runoff in wainscot type of applications.

### Step 1

Measure the total length of ledger required in Linear feet. It is important to end all Ledger applications with factory finished ledger ends. If cuts must be made to meet linear coverage, cut ledger pieces in the center as this will allow tight union between the pieces with finished edges.

### Step 2

Toe Screw the Ledger to the underlying substrate with screws placed at a minimum of 16" apart. Ledgers can also be attached by screwing underneath the ledger piece. Angle screw at each end to insure tight fits between ledger pieces.

### Note:

Exterior applications require flashing if other siding products are used above the ledger. Flashing will also cover screws used to attach the ledger for a more professional result. If flashing will not be used, fill screw holes with grout and paint.



Flashing Covering the Screw Heads



# TRIM INSTALLATION

## SANDSTONE LEDGER OUTSIDE AND INSIDE CORNERS

Outside and Inside Ledger Corners can be used for a faster, miter free installation. These pieces are molded for 90° angles.

Simply place the Ledger Inside or Outside Corner over the top of the corner using the “v” groove. If the corners have been cut for height, use the bottom surface of the Ledger Corner. Toe screw as with the Ledger.



### Note:

If the Ledger is used to go over the top of an outside or inside corner accessory, a compound miter is required. This can be achieved using a chop saw or radial arm saw. Place the ledger on the saw table with the back of the ledger flush against the fence (just the way it sits when applied), and make a 45° miter cut. The corner will then require caulking and NextStone™ touch-up paint.

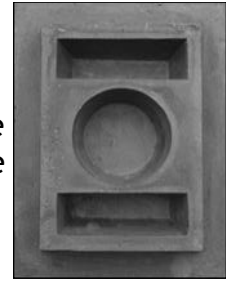


# TRIM INSTALLATION

## MOUNTING BLOCKS

### Step 1

Looking at the back side of the mounting block, measure both the length and height of the rectangular pre-formed block on either the Large or Small Mounting Block.



### Step 2

Transfer these measurements to the back of the panel needing the cut out and mark. Mounting blocks can be installed horizontally or vertically.

### Step 3

Using the rectangle you drew on the back of the panel as a cutting guide, cutout the panel. Install the cutout panel using standard Installation guides.

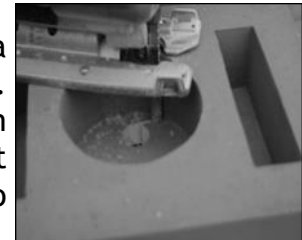


### Note:

On the back side of the mounting block you will see a pre-formed area molded into the block. The Large Mounting Block has a circular area for round outlet boxes. The Small Mounting Block has a pre-formed areas for plumbing rough-ins, single and double outlet boxes, and round fixture cutouts.

### Step 4

Determine which cut out and what size is appropriate. Drill a hole on the side of the cut out area to use as a starting point. Cut the pattern on the block using a saber saw. Always cut from the back of the mounting block to avoid marring the front surface of the mounting block. If necessary, use a wood rasp to fine tune the cutout.



### Step 5

Apply caulk and/or adhesive to the back of the mounting block to seal between the mounting block and the panel. Put the mounting block in place and attach with 3" screws. Place screws where they will be concealed by the cover plate of the fixture.

### Step 6

Attach electrical boxes to the face of the cover plate as indicated. Install the fixture and it's cover plate. Caulk around fixture as needed.



# COLUMN WRAP INSTALLATION

## SLATESTONE 30" COLUMN WRAP

### Step 1

Build out the desired column to be wrapped at no more or less than 13 7/8" x 13 7/8" .

### Note:

The Slatestone 30" Column Wraps are made up of 4 pieces, MARKED 1-4, and interlock using the designed finger joints.

### Step 2

Place the first panel, #1, against the column. Be sure to place all panels with the top arrow pointing up. Slide in panel #2 and #3 on the right and left side. This will center panel # 1 around the enclosure. (fig. 1)

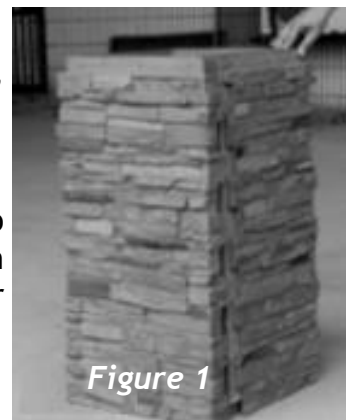


Figure 1

### Step 3

Interlock and dry fit all 4 sides at the finger joints. (fig. 2)

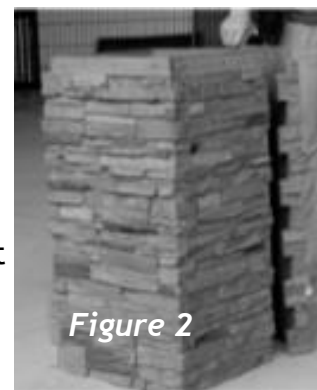


Figure 2

### Step 4

Attach each panel starting at the bottom using three (3) 2" exterior screws. Place the screws in the grout lines to best hide screw heads and minimize touch up work.

### Note:

For additional stability, place screws in the grout line about 15 1/2" above the base. This screws through the inner landing of the panel.

### Step 5

To make columns higher than 30", simply stack the next course using the tongue and groove attachment for the bottom and the screw hem at the top of the first column. (fig. 3)



Figure 3



# COLUMN WRAP INSTALLATION

## COLUMN WRAPS OUT OF INTERLOCKING OUTSIDE CORNERS

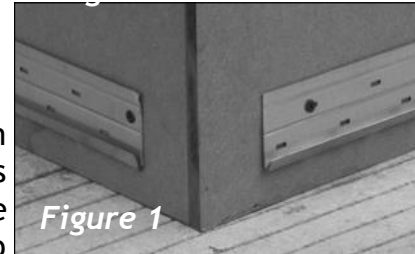
Build out the desired column to be wrapped at no more or less than:

- Brick: 13" x 13"
- Castle Rock: 13 ¾" x 13 ¾"
- Country Ledgerstone: 14 ¾" x 14 ¾"
- Random Rock: 14 ¾" x 14 ¾"
- Slatestone: 12 ¾" x 12 ¾"
- Stacked Stone: 13 ⅝" x 13 ⅝"

*Figures shown are using Slatestone Outside Corners. The same install concept is used for all corners.*

### Step 1

Determine the height above ground where the bottom of the column should be. Measure up 2 ¾" from this point and strike a level line. Attach the top of the starter strip on this line. Level and attach starter strip on each face of the column stopping 2" from each corner edge. (fig. 1)

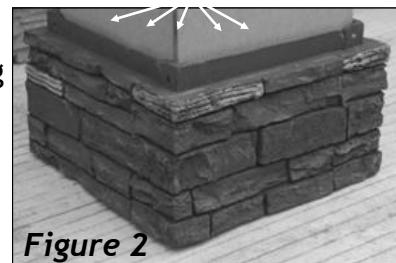


### Note:

Each box contains 2 left (L-2,L-4) and 2 right Interlocking corners (R-1, R-3). 2 boxes are needed for 2 courses.

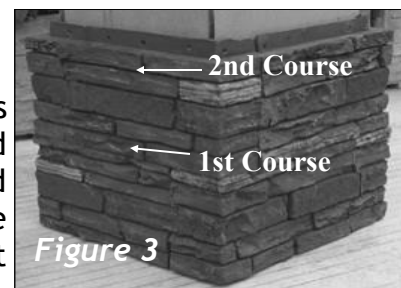
### Step 2

Use 4 right pieces for the 1st course and 4 left pieces for the next course. Slide corners down into the starter strip and attach all pieces as indicated on the screw hem. There are 3 screw points on the long side of the corner and 2 on the shorter end. Make sure to use 5 screws per corner. Hold the bottom edge of corner snug against the substrate while placing the screws. (fig. 2)



### Step 3

For the next course, L-2/L-4 and L-2/L-4, slide corners down onto first row of corners and attach as described above. Continue to alternate as needed until the desired height is achieved. When alternating courses, make sure to not stack the same number on one another to prevent pattern repetition. (fig. 3)



### Note:

Do not over tighten the screws when attaching the corner pieces. Over tightening can cause corners to “kick out” at the bottom and create a gap. If a gap is present, pull the corners together to minimize the gap and face screw diagonally through the tongue and groove. Use a 3" deck screw. Use NextStone™ caulk to fill screw head and NextStone™ touch up paint for a professional finish.

# COLUMN WRAP INSTALLATION

## SANDSTONE COLUMN WRAP CAPS

The Sandstone 18" Column Wrap Cap is designed to fit the Slatestone 30" Column Wraps or Columns made with Interlocking Outside Corners.

### Screw Attachment:

Drive one screw per side at an angle through the bottom lip of the cap all the way into the substrate. Do not over angle the screws so they don't run through the top of the cap. Do not overdrive screws.

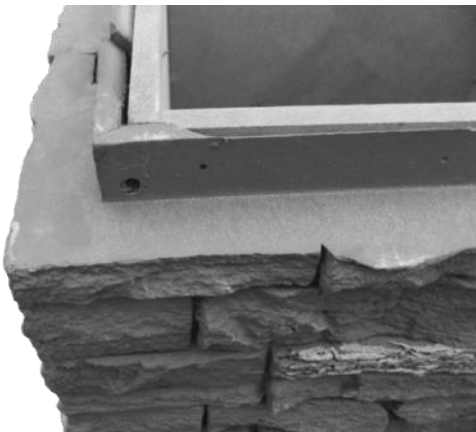
### Adhesive Attachments:

#### Step 1

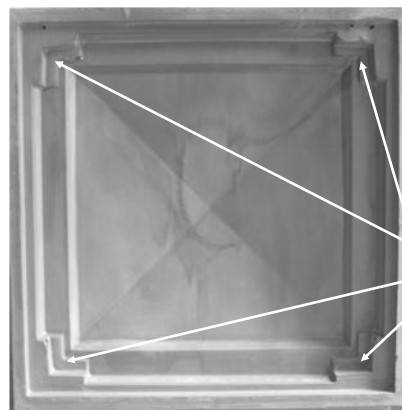
If the top course ends with the screw hem attached: Place adhesive in each corner of the cap and secure. (fig. 1).

2) If the top course ends with the screw hems cut off, face screw each piece 1" from the top so that the cap covers the screw heads. Place adhesive on inside cutouts of cap as shown (fig. 2).

Top Course with Screw Hem Attached



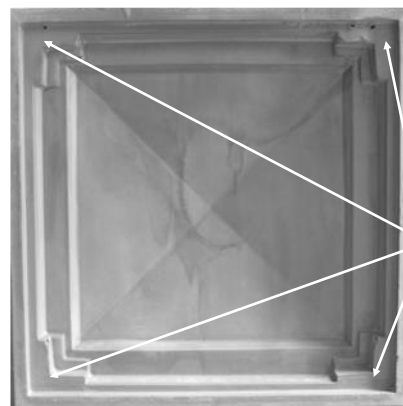
Bottom of Cap (fig. 1)



Top Course with Screw Hem Removed



Bottom of Cap (fig. 2)

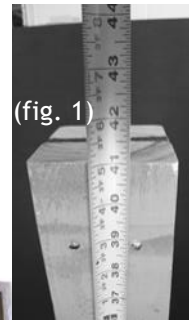


# SLATESTONE POST COVER INSTALLATION

## 41" SLATESTONE 1PC POST COVER

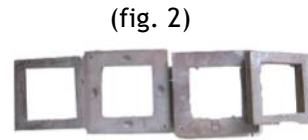
### Step 1

Measure up 41" on the post and cut the post to this height. (fig. 1)



### Step 2

When using a 4 x 4 post, either fir out the post to 5 1/2" x 5 1/2" or use the optional sold separately Converter Kit Rings. (fig. 2)



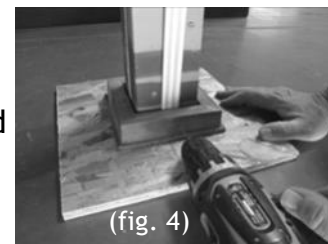
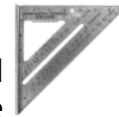
### Step 3 (using optional Converter Kit Rings)

Place the bottom ring (marked B) flange down onto the base surface. Pre-drill the four sides and attach the ring to the post using 2" screws. Use wood shims to keep the ring snug and centered on post if needed. (fig. 3)



### Step 4

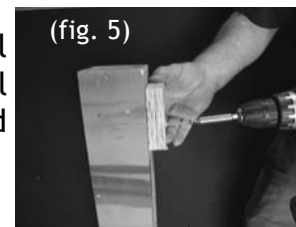
Measure up 13" and 26" from the base. Use a Speed Square to mark a line around the post at these heights. Slide the 2 rings (marked M) to these heights and screw in place as described above. (fig. 4)



### Note:

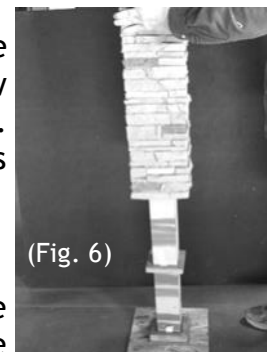
If attaching railings, measure up and mark on the post to the height of the bottom and top rail. Fir out the post an additional 1" at these heights. These will act as the landings for the rail mounts. Use a 3" x 3" x 1" block. Center the block at the scribed line. (Fig. 5)

Consult local codes for height requirements of rails.



### Step 5

Slide the post over the rings and fit the bottom of the post into the bottom ring. When securing the Post Cover, it is best to screw through the post in a grout line as this will hide the screws. Measure up 13" and 26" and face screw the post into the rings using 2 1/2" screws. (fig. 6)



### Note:

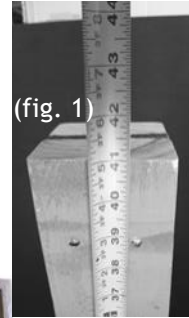
If using a 6 x 6 post, slide the Post Cover over the post and secure using 2" screws as described in Step 5 above. Be sure to shim the top of the post making sure it's plumb before screwing the Post Cover onto the post.

# SLATESTONE POST COVER INSTALLATION

## 41" SLATESTONE 2PC POST COVER

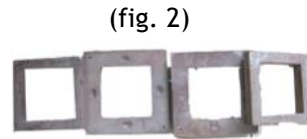
### Step 1

Measure up 41" on the post and cut the post to this height. (fig. 1)



### Step 2

When using a 4 x 4 post, either fir out the post to 5 1/2" x 5 1/2" or use the optional sold separately Converter Kit Rings. (fig. 2)



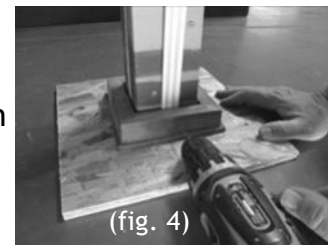
### Step 3 (using optional Converter Kit Rings)

Place the bottom ring (marked B) flange down onto the base surface. Pre-drill the four sides and attach the ring to the post using 2" screws. Use wood shims to keep the ring snug and centered on post if needed. (fig. 3)



### Step 4

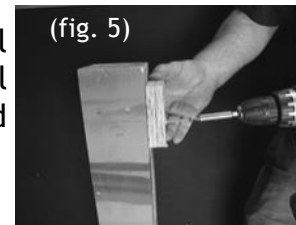
Measure up 13" and 26" from the base. Use a Speed Square to mark a line around the post at these heights. Slide the 2 rings (marked M) to these heights and screw in place as described above. (fig. 4)



### Note:

If attaching railings, measure up and mark on the post to the height of the bottom and top rail. Fir out the post an additional 1" at these heights. These will act as the landings for the rail mounts. Use a 3" x 3" x 1" block. Center the block at the scribed line. (Fig. 5)

Consult local codes for height requirements of rails.



### Step 5

Position Side 1 with the arrow facing up against the post. Fit the bottom of the post into the bottom ring. Face screw the Post Cover through the rings and into the wood post using 2 1/2" screws. Screw through the post in a grout line or at the base of a rock as this will hide the screws. Measure up 13" and 26" and face screw through the posts and into the rings. (fig. 6)



### Step 6

After securing Side 1 in place, fit side 2 into place. Make sure the arrow is facing up. Dry fit the piece to make sure all finger joints line up and are tight. Secure side 2 at the ring heights as described above.

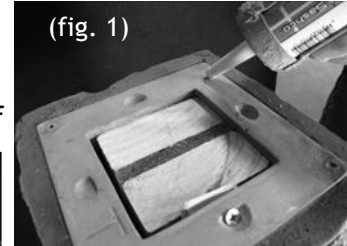


# SLATESTONE POST COVER INSTALLATION

## SLATESTONE POST COVER CAP

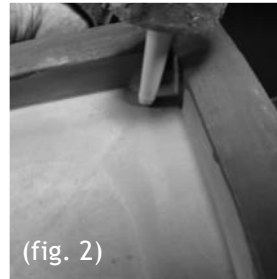
### Step 1

Attach the cap by applying adhesive around the top surface of the post. (fig. 1)



### Step 2

Apply adhesive on the inside of the Post Cap along the inside ledge. (fig. 2)



## Installing Rail Mounts

Rail Mounts must be purchased separately. NextStone™ does not manufacture Rail Mounts.

### Step 1

After locating the desired height of the railing and securely attaching the mounts, (see note on previous page), measure up on the outside of the post cover and select the spot to place the landing. In this example, Trex™ universal mounts are used. When the landing location is selected, dry fit the landing on the rock surface. Using a carpenter knife or chisel, cut out the high points of the rock surface to achieve a smooth and flat surface. (fig. 1-4)



(fig. 1)



(fig. 2)



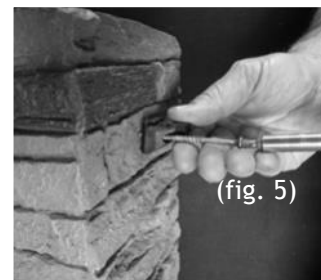
(fig. 3)



(fig. 4)

### Step 2

Using 3" deck screws minimum, attach the mount to the post screwing through the Post and into the landing. (fig. 5)



(fig. 5)

### Note:

Finish the job using NextStone™ Textured Grout and Touch Up Paint to cover any space around the mountings and to hide all screw heads .

# MITERED CORNER

## MITERED OUTSIDE CORNER

### Step 1

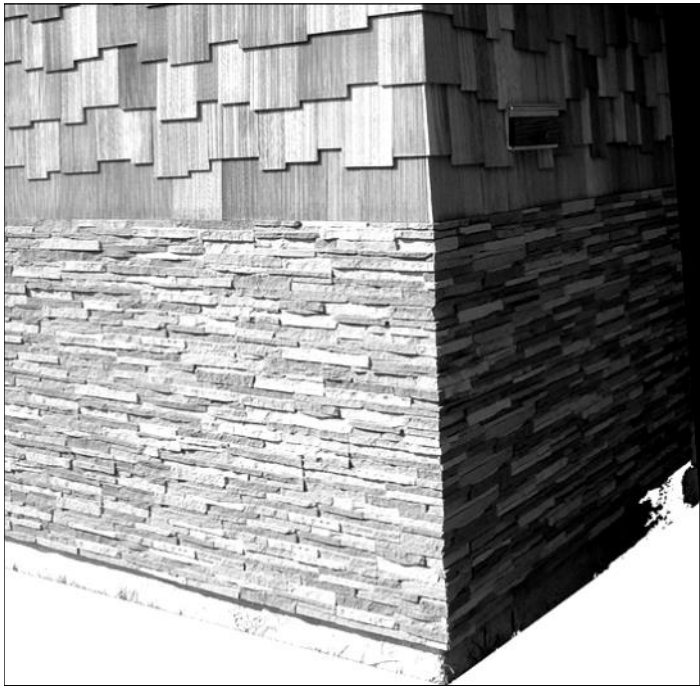
In some situations the installer may prefer to do a miter cut at the corner rather than use the outside corner accessory pieces. This application is most common when the corner is not 90°. Mitering can be used for any corner applications.

### Step 2

In exterior applications the corner must first be made water-tight by installing a moisture barrier prior to installing the NextStone™ panels.

### Step 3

Both sides of the corner should be cut from the same panel or another panel of the same configuration (the number on the back is the same). This way, the individual “rocks” will wrap around the corner. (You will have to lay out the first course so that the last panel used to form the corner is at least 8” too long.) Cut the panel at the appropriate angle (one half of the angle of the corner) and install as previously explained. Next, cut the drop at the same angle



and install the other side of the corner making as tight of a joint as possible. For example, if installing NextStone™ on a 7' wide wall with a 90° corner, the second panel would make the corner. Cut the panel on a 45° miter so that it was 3' measured on the short side and install. Then cut the drop-off piece (1') at 45° and install it on the other side of the corner. Stagger each course so that the corner cut does not fall at the same place on the panel used to make the corner. Secure joint using Polyurethane Adhesive.

### Step 4

Run a bead of NextStone™ Grout along the joint where the panels butt together. Concealed with touch-up paint.

### Step 5

There is variation in thickness within each individual “rock”, therefore, there will be small areas of exposed polyurethane where the panels were cut which must be rasped down and coated with touch-up paint.

# MITERED CORNER

## USING WINDOW DOOR TRIM TO MAKE A CORNER THAT IS NOT 90°

### Step 1

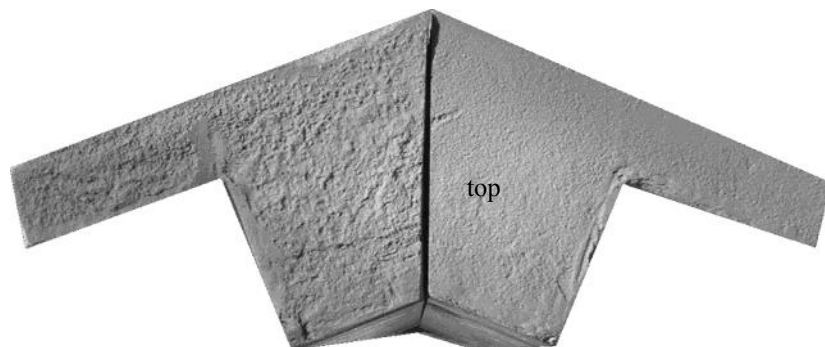
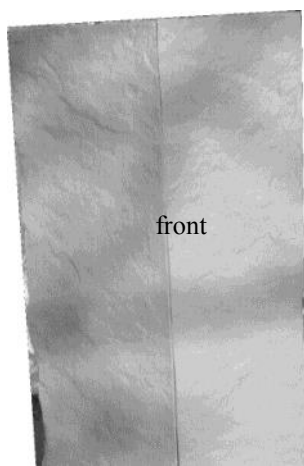
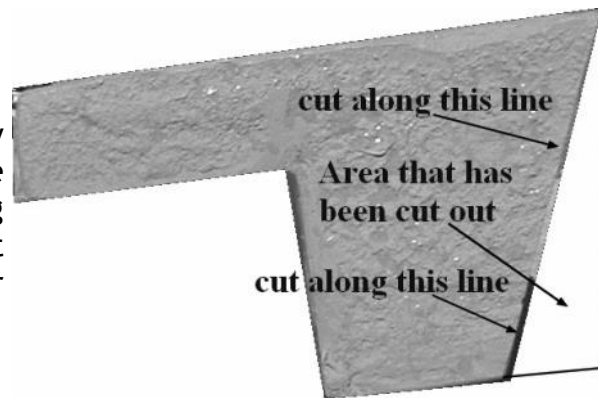
If the application calls for a corner trim that is not a 90° right angle, a corner can be constructed on any angle using two pieces of door/window trim back to back. With a table saw, cut the back side (the side that would be away from the panel and against a door) of the door/window trim pieces length-wise at an angle half that of the wall. i.e. if the adjoining wall was at a 45° angle, cut the trim piece at a 22 ½° angle.

### Step 2

Install the door/window trim pieces so that the back (cut) sides are firmly against each other.

### Step 3

Install the panels in the usual fashion by sliding them behind the flange of the trim piece. Run a bead of caulk along the joint where the trim pieces butt together on the top and front. Paint over caulk for a finished look.



# TOUCH UP

## FINISHING THE JOB FOR A PROFESSIONAL APPEARANCE

Panel cuts resulting in exposed polyurethane must be coated to prevent discoloration. The NextStone™ Touch Up Kit contains touch up paint, instructions and brushes. Each kit is specific to the panel colors and rock profile.



*Touch Up Paint Kit*

### Step 1

Inspect the job closely for any nicks, scratches or exposed cut edges of panels and apply the appropriate touch-up paint. Some applications may require caulking which should be concealed with touch-up paint. Any areas where deviation from standard NextStone™ installation practices is required must be caulked and touched up.

### Step 2

NextStone™ touch up paint is latex based and can be cleaned using warm, soapy water. Clean hands, spills and tools immediately after use. The paint has been thinned to be used with the spray gun however if additional thinning is necessary, it can be done by adding water. Protect paint from freezing by keeping at room temperature.

### Step 3

Touch Up paint can be applied by using the brush provided. Be sure to shake bottles well before using.



# CLEAN UP

The natural appearance of NextStone™ products are maintained with little effort. Although NextStone™ products will get dirty as with any product exposed to the elements, a heavy rain or a simple washing with a garden hose will clean the product well. If additional cleaning is required, the following steps outline recommended cleaning procedures.

## **Step 1**

A mild dish soap followed by light brushing with a soft bristle brush will work with the NextStone™ product. NextStone™ recommends using whatever product chosen on a small area first to check for color fastness. Use a soft bristle brush with a garden hose or a pressure washer. If using a pressure washer, be SURE not to get closer than 12 inches and not more than 1500 PSI.

## **Step 2**

Although NextStone™ products are not susceptible to mildew, we recommend using solution X-90. It is very effective in removing mildew from vinyl siding and will work on the NextStone™ products. It would be prudent to test a small area first with any new product.

# FREQUENTLY ASKED QUESTIONS

**Q. What is the NextStone™ product made from?**

NextStone™ products are made of an advanced hybrid composite polyurethane. The polyurethane is mixed with UV inhibitors and fire retardants. The solid polyurethane is also made with recycled PVC for durability.

**Q. What is required to cut the NextStone™ product?**

NextStone™ products are easily cut with any woodworking saw or carpentry device.

**Q. What type of fastener is used to install NextStone™ products?**

NextStone™ was designed with ease of installation so depending on the substrate, a good quality deck type screw will work.

**Q. How are the NextStone™ products installed?**

NextStone™ is a mortar-free product that can be easily installed by one or two people using basic hand or power tools and screwing all components onto the project.

**Q. How do you avoid repeating color and stone pattern during installation?**

NextStone™ panels were designed from real stone patterns and each panel is numbered on the back as each design is different. These numbers help break up the patterns and color during installation.

**Q. What preparation is required to install NextStone™ panels?**

NextStone's only requirement is a clean and dry, flush substrate as well as 48 hours of acclimation

**Q. What can I apply NextStone™ to?**

NextStone™ can be easily applied to virtually any solid substrate including block, concrete, stucco, or wood framed sheathed walls.

**Q. How does NextStone™ hold up to outdoor moisture?**

Because of the closed cell hybrid polyurethane formulation developed by NextStone™ as well as the weep channels and recessed air chambers, all products hold up extremely well to rain, snow, and humidity.

**Q. Does the product have any R-value?**

Yes. Because of NextStone's polyurethane formulation, the R value is approximately 4.5 per inch thickness.

**Q. How much does the product weigh?**

NextStone™ weighs approximately one pound per square foot making it extremely easy to handle and install thus eliminating the need for a forklift.

**Q. What applications are best suited for NextStone™?**

NextStone™ is perfect for almost all commercial and residential, exterior or interior applications.

# FREQUENTLY ASKED QUESTIONS

## **Q. What maintenance will be required down the road?**

Because of the NextStone™ polyurethane formulation and its durable coating, there is virtually no maintenance required. NextStone™ offers a 20 year limited warranty.

## **Q. How will NextStone™ handle the elements?**

NextStone™ products have been tested equivalent to 20 years in an advanced weather testing chamber with little discoloration or weathering to the products.

## **Q. How does NextStone™ compare in price to the cultured stone type products currently available on the market?**

NextStone™ products have been competitively priced and will generally cost less than cast stone type products. The real savings for the contractor comes from the cost of labor for installation by a carpenter vs. the cost of labor and material provided by a mason. With the NextStone™ product, the value is added and the profit is retained by the contractor. For the do-it-yourselfer, the savings come to those who can install NextStone™ products themselves without the need of hiring a professional.

## **Q. Is NextStone™ flammable?**

NextStone™ is Class 1 Non-Flammable product and can withstand up to 450 degrees of heat before any slight warping or discoloration may occur. For Fireplace applications such as re-facing or creating a surround, NextStone™ products can be installed right up to the metal framing of an electric or gas fireplace insert. For open flame fireplaces, it is recommended that NextStone™ products be treated the same as a wood product a set-back from the opening should be maintained between 6 and 12 inches away.

## **Q. How does NextStone standup to Woodpeckers?**

Woodpecker problems are not common with the NextStone™ product although there have been a few instances in areas where woodpeckers are prevalent. Although the polyurethane is solid and durable, constant pecking in a particular area with a sharp beak, or any sharp instrument, can cause damage to the finish and eventually go through the thickness of the panel. NextStone™ is extremely durable to the elements but nothing short of real stone can stand in way of a motivated woodpecker. If you live in an area where Woodpeckers are problematic, please contact the NextStone™ Corporate Office for helpful installation hints and tips in deterring the birds from wanting to peck. Some suggested sites to visit:

[www.birds-away.com](http://www.birds-away.com)

[www.attackspider.com](http://www.attackspider.com)

[www.absolutebirdcontrol.com](http://www.absolutebirdcontrol.com)

# TAKE-OFF SHEET

## PANELS

**Brick Panel dimensions are 15¼" x 43½" x 1½".**

**Each Panel covers 4.43/sq. ft.**

Configure Square Footage of area to be covered. (length x width)

Total Square Feet \_\_\_\_\_ / 4.43sq.ft. = \_\_\_\_\_ number of Panels necessary.

- Round total to nearest box quantities of four (4) panels per box.

**Castle Rock Panel dimensions are 15¼" x 43¼" x 1 ½".**

**Each Panel covers 4.03/sq. ft.**

Configure Square Footage of area to be covered. (length x width)

Total Square Feet \_\_\_\_\_ / 4.03sq.ft. = \_\_\_\_\_ number of Panels necessary.

- Round total to nearest box quantities of four (4) panels per box.

**Country LedgeStone Panel dimensions are 15½" x 43½" x 1½".**

**Each Panel covers 4.24/sq. ft.**

Configure Square Footage of area to be covered. (length x width)

Total Square Feet \_\_\_\_\_ / 4.24sq.ft. = \_\_\_\_\_ number of Panels necessary.

- Round total to nearest box quantities of four (4) panels per box.

**Random Rock Panel dimensions are 15 ½" x 48" x 1 ½".**

**Each Panel covers 4.75/sq. ft.**

Configure Square Footage of area to be covered. (length x width)

Total Square Feet \_\_\_\_\_ / 4.75sq.ft. = \_\_\_\_\_ number of Panels necessary.

- Round total to nearest box quantities of four (4) panels per box.

**SlateStone Panel dimensions are 8 ¼" x 43" x 1 ¾". Each Panel covers 2.14/sq. ft.**

Configure Square Footage of area to be covered. (length x width)

Total Square Feet \_\_\_\_\_ / 2.14sq.ft. = \_\_\_\_\_ number of Panels necessary.

- Round total to nearest box quantities of eight (8) panels per box.

**Stacked Stone Panel dimensions are 13 ¼" x 46½" x 1 ½".**

**Each Panel covers 3.63/sq. ft.**

Configure Square Footage of area to be covered. (length x width)

Total Square Feet \_\_\_\_\_ / 3.63sq.ft. = \_\_\_\_\_ number of Panels necessary.

- Round total to nearest box quantities of five (5) panels per box.

**Disclaimer: Dimensions are true panel sizes so they include the screw attachment strip. Actual coverages vary due to variances in stone sizes.**

# TAKE-OFF SHEET

## INTERLOCKING OUTSIDE CORNERS

**Brick Outside Corner dimensions are 6½" x 12" x 15¼"**

**Each Corner covers 1.29/lin. ft. (1.41/sq. ft. )**

Configure Linear Footage of area to be covered. (height)

Total Height \_\_\_\_\_ / 1.29 lin. ft. = \_\_\_\_\_ number of Corners necessary.

- Round total to nearest box quantities of four (4) corners per box.

**Castle Rock Outside Corner dimensions are 7" x 11" x 15 ¼".**

**Each Corner covers 1.29/lin. ft. (1.41/sq. ft. )**

Configure Linear Footage of area to be covered. (height)

Total Height \_\_\_\_\_ / 1.29 lin.ft. = \_\_\_\_\_ number of Corners necessary.

- Round total to nearest box quantities of four (4) corners per box.

**Country LedgeStone Outside Corner dimensions are 8¼" x 5½" x 15½".**

**Each Corner covers 1.29/lin. ft. (1.7/sq. ft. )**

Configure Linear Footage of area to be covered. (height)

Total Height \_\_\_\_\_ / 1.29 lin.ft. = \_\_\_\_\_ number of Corners necessary.

- Round total to nearest box quantities of four (4) corners per box.

**Random Rock Outside Corner dimensions are 7" x 11" x 15½".**

**Each Corner covers 1.29/lin. ft. (1.7/sq. ft. )**

Configure Linear Footage of area to be covered. (height)

Total Height \_\_\_\_\_ / 1.29 lin.ft. = \_\_\_\_\_ number of Corners necessary.

- Round total to nearest box quantities of four (4) corners per box.

**SlateStone Outside Corner dimensions are 12¾" x 4½" x 8¼".**

**Each Corner covers .75/lin. ft. (1.00/sq. ft. )**

Configure Linear Footage of area to be covered. (height)

Total Height \_\_\_\_\_ / .75 lin.ft. = \_\_\_\_\_ number of Corners necessary.

- Round total to nearest box quantities of four (4) corners per box.

**Stacked Stone Outside Corner dimensions are 13¾" x 4¼" x 13¼".**

**Each Corner covers 1.00/lin. ft. (1.21/sq. ft. )**

Configure Linear Footage of area to be covered. (height)

Total Height \_\_\_\_\_ / 1.00 lin.ft. = \_\_\_\_\_ number of Corners necessary.

- Round total to nearest box quantities of four (4) corners per box.

**Disclaimer: Dimensions are true panel sizes so they include the screw attachment strip. Actual coverages vary due to variances in stone sizes.**

# TAKE-OFF SHEET

## SANDSTONE CORNERS

**Sandstone Outside Corner dimensions are 5 ½" x 5 ½" x 48"**

Configure Vertical Linear Inches.

Total Linear Inches \_\_\_\_\_ / 48" = \_\_\_\_\_ number of pieces of corners.

- Sandstone Outside Corners can be used with any rock profile.
- The Panel will fit behind the corner.
- Two (2) corners per box.

**Sandstone Inside Corner dimensions are 3 ½" x 3 ½" x 48"**

Configure Vertical Linear Inches.

Total Linear Inches \_\_\_\_\_ / 48" = \_\_\_\_\_ number of pieces of corners.

- Sandstone Inside Corners can be used with any rock profile.
- The Panel will fit behind the corner.
- Two (2) corners per box.

**Sandstone Flush Outside Corner dimensions are 3" x 3" x 48"**

Configure Vertical Linear Inches.

Total Linear Inches \_\_\_\_\_ / 48" = \_\_\_\_\_ number of pieces of corners.

- Sandstone Flush Outside Corners can be used with any rock profile.
- The Panel will sit flush butting up to corner ends.
- Outdoor applications may need caulk or weather seal.
- Two (2) corners per box.

# TAKE-OFF SHEET

## ACCESSORIES

### 1. Sandstone Ledger dimensions are 2 ½" x 4" x 48"

Configure Horizontal Linear Feet.

Total Linear Feet \_\_\_\_\_ / 4' = number of pieces of Ledger.

- This accessory is used to trim out the top row and can be used with any rock profile. Four (4) Ledgers per box.

### 2. Sandstone Window/Door Trim dimensions are 2 ¼" x 3 ½" x 48"

Configure Vertical and Horizontal Linear Feet.

Total Linear Feet \_\_\_\_\_ / 4' = number of pieces of window/door trim.

- Window/Door Trim will be used on all four window sides as well as the top and sides of door openings and can be used with any rock profile. Four (4) Trim per box.

### 3. Sandstone Ledger Outside Corner dimensions are 4 ¼" x 6 ¼" x 2 ½"

Sandstone Ledger Inside Corner dimensions are 9 ¾" x 7 ⅝" x 2 ½"

Ledger Outside and Inside Corners are used to cap corners and show a continuous run of the Ledger trim piece. Number of pieces depend on number of corners. Two (2) per box, 1 Left / 1 Right.

### 4. Metal Starter Strips are in 4' lengths.

Configure Horizontal Linear Feet of area to be covered.

Total Linear Feet \_\_\_\_\_ / 4' = \_\_\_\_\_ number of pieces of starter strip.

- Used to begin the bottom row, Starter Strips are suggested under each panel in order to avoid face screwing.

### 5. 12oz. Tubes of Grout \_\_\_\_\_. One tube of Grout covers approximately 25 linear feet at a ⅜" bead.

(Depending on project, grout/caulk, may or may not be required).

### 6. Touch Up Paint Kit \_\_\_\_\_.

Random Rock Touch up Paint Kits contain Four 120 cc bottles of paint, one for each panel color and 1 trim color, plus 4 brushes.

All other Touch Up Paint Kits contain One 120cc and 2 60cc bottles of paint, plus 1 brush.

# SPEC DATA

## Product Description:

NextStone™'s masons and master craftsmen have created products that are an ideal combination of stone textures and sizes, melding them artistically into an extremely easy to install paneling system. NextStone™ products are a light weight veneer wall panel system, providing a very realistic “rock wall” appearance. These products are intended for exterior applications over masonry, wood framed, or metal framed construction, be it residential or commercial. The products have been engineered to eliminate additional structural or foundation support requirements. The basic system requires no caulking.

NextStone™ products are made of uniquely formulated closed cell polyurethane, incorporating UV inhibitors and fire retardants. The panels and accessory pieces have been cast from real stone giving them a remarkably realistic rock look. A specially formulated “In Mold Coating” is chemically and mechanically bonded with the molded surface of the panel. The result is a lightweight, durable wall panel system with a realistic rock finish.

## Limitations:

NextStone™ products are intended as wall coverings only and should not be used as pavers or subjected to foot traffic. NextStone™ products do not add to the structural load bearing capacity of the substrate to which it is applied. If NextStone™ products are used below grade or water level, discoloration of the product can occur from the leaching of minerals and chemicals from the soil and water. The product will not be altered or degraded, but color fastness is not guaranteed. Avoid installing in locations which will be repeatedly subjected to abrasion, or repeated contact such as lawn mowers and string trimmers.

**Note: In all spec data information, weights and dimensions are approximate. Individual pieces may vary due to the manufacturing**

## Technical Data:

Flame Spread Factor, F9:	Heat Evolution Factor, Q:	Flame Spread Index, I8:	Ave Temp. Rise:
30.78	6.23	191.13	53.8 c

Color Fastness (per ANSI Z 124 xenon arc test): color change @ 2000 hours: 0

Specific Gravity: .6

Insulation value: R 4.5 per inch of thickness

Hardness (durometer D): 68

Coefficient of Expansion (in. /in. F): 4.8"/in./C x 10(-5) (varies depending upon substrate attached to).

Fuel Contributed: 0

Flame Spread (per ASTM E162): Flame Spread Index 191.13

Wind Load Test-( per ASTM E330-02)- Withstands Positive and Negative winds over 200 MPH.

**Installation:** Detailed installation instructions are available from your local distributor or on line at: [www.NextStone.com](http://www.NextStone.com).

**Maintenance:** NextStone™ products require minimal maintenance. Occasional rinsing with water is recommended. Prior to using any chemical products on NextStone™, test a small inconspicuous area, verifying that no undesired side effects have occurred.

**Warranty:** Warranty information is available from your local distributor or online at: [www.NextStone.com](http://www.NextStone.com).

**Important:** The information and data herein are believed to be accurate and have been compiled from sources believed to be reliable. It is offered for your consideration, investigation and verification. Due to the inherent manufacturing characteristics of polyurethane, and the In Mold coating coloring process of our product, dimensions and weights are approximate and the colors, as with natural stone, will vary.

6-8 (12/06)



# SPEC DATA

Product Type	Length (inch)	Width (inch)	Thickness (inch)	Coverage Per Piece	Weight Per Piece	Qty Per Box
Brick Panel	43.5"	15.25"	1.5"	4.43 sq. ft.	4.55 lbs.	4
Castle Rock Panel	43.25"	15.25"	1.25"	4.03 sq. ft.	4.08 lbs.	4
Country LedgeStone Panel	43.5	15.5"	1.5"	4.24 sq. ft.	4.89 lbs.	4
Random Rock Panel	48"	15.5"	1.5"	4.75 sq. ft.	5.1 lbs.	4
SlateStone Panel	43"	8.25"	1.75"	2.14 sq. ft.	2.5 lbs.	8
Stacked Stone Panel	46.5"	13.25"	1.5"	3.63 sq. ft.	4.30 lbs.	5
Brick Outside Corner	6.5" x 12"	15.25"	1.5"	1.7 sq. ft.	.98 lbs.	4
Castle Rock Outside Corner	7" x 11"	15.25"	1.25"	1.41 sq. ft.	0.62 lbs.	4
Country LedgeStone Out. Cor.	8.25" x 5.5"	15.5"	1.5"	1.24 sq. ft.	1.56 lbs.	4
Random Rock Outside Corner	7" x 11"	15.5"	1.5"	1.7 sq. ft.	1.69 lbs.	4
SlateStone Outside Corner	4.5" x 12.75"	8.25"	1.75"	1 sq. ft.	1.0 lbs.	4
Stacked Stone Outside Corner	4.25" x 13.25"	13.25"	1.5"	1.21 sq. ft.	0.6 lbs.	4
Sandstone Inside Corner	48"	3.5" each leg	2.63"	2.0 sq. ft.	5.1 lbs.	2
Sandstone Outside Corner	48"	5.5" each leg	2.63"	4.0 sq. ft.	6.0 lbs	2
Flush Mount Outside Corner	48"	3" each leg	1.5"	2.0 sq. ft.	2.47 lbs.	2
Sandstone Ledger	48"	4"	2.5"	.6 sq. ft.	2.9 lbs.	4
Outside Ledger Corner	6.25" x 4.25"	4"	2.5"	10.25"	.65 lbs.	2
Inside Ledger Corner	9.75" x 7.63"	4"	2.5"	17.5"	.67 lbs.	2
Sandstone Window/Door Trim	48"	3.5"	2.25"	1.4 sq. ft.	2.5 lbs.	4
Mounting Blocks Large	10"	13"	2.25"	n/a	1.75 lbs.	1
Mounting Blocks Small	8"	9"	2.25"	n/a	1 lbs.	1
Starter Strip	48"	2"	26 gauge	n/a	.9 lbs.	n/a
SlateStone Post Cover	41"	8"	8"	n/a	6.61lbs	1 post
SlateStone 2pc Post Cover	41"	8"	8"	n/a	6.61	1 post
Post Cover Cap	10.5"	10.5"	3.5"	n/a	1.0 lbs.	1 cap
30" SlateStone Column Wrap	16"	16"	30"	n/a	25.0 lbs	4 sides
Sandstone 18" Column Wrap Cap	18.5"	18.5"	1.5"	2.38 sq. ft.	2.84	1 cap

# SPEC DATA

Listed below are the colors of NextStone™ Panels with color codes along with their suggested coordinating Sandstone trim colors.

## Brick

### Product Colors

### Sandstone Trim Colors

Antique Gray (AG)	Charcoal (C)
Antique Red (AR)	Charcoal (C)

## Castle Rock

### Product Colors

### Sandstone Trim Colors

Ashford Charcoal (AFC)	Charcoal (C)
Berkshire Buff (BSB)	Buff (B)
Canterbury Red (CBR)	Red (R)
Tuscan Brown (TB)	Brown (BR)
Tudor Gray (TUG)	Gray (G)
Windsor Buff (WIB)	Buff (B)

## Country LedgeStone

### Product Colors

### Sandstone Trim Colors

Andean Onyx (ANO)	Onyx (ON)
Appalachian Gray (APG)	Gray (G)
Himalayan Brown (HMB)	Brown (BR)
Teton Buff (TTB)	Buff (B)

# SPEC DATA

Listed below are the colors of NextStone™ Panels with color codes along with their suggested coordinating Sandstone trim colors.

## Random Rock

Product Colors	Sandstone Trim Colors
Desert Buff (DB)	Buff (B)
Mountain Shadow (MS)	Charcoal (C)
New England Mocha (NEM)	Buff (B) ; Brown (BR)
Tri Buff (TB)	Buff (B)
Tri Gray (TG)	Gray (G)
Tri Sedona Red (TSR)	Red (R)

## Slatestone

Product Colors	Sandstone Trim Colors
Arizona Red (AR)	Red (R)
Brunswick Brown (BB)	Brown (BR)
Midnight Ash (MA)	Charcoal (C)
Onyx (ON)	Onyx (ON)
Pewter (PW)	Gray (G)
Rundle Ridge (RUR)	Charcoal (C), Gray (G)
Rocky Mountain Graphite (RMG)	Graphite (GPH)
Sahara (SH)	Buff (B)

## Stacked Stone

Product Colors	Sandstone Trim Colors
Bedford Charcoal (BC)	Charcoal (C)
Carolina Cocoa (CC)	Buff (B)
Kentucky Gray (KG)	Gray (G)
Sandy Buff (SB)	Buff (B)
Volcanic Gray (VG)	Gray (G)
Walnut Brown (WB)	Brown (BR)



# Material Safety Data Sheet

Effective date: 5/28/04  
Supersedes: n/a

**Section 1: PRODUCT AND COMPANY IDENTIFICATION:**

**Product:** Polyurethane siding panels and accessories  
**Product Use:** Exterior and interior siding product  
**Distributor:** NextStone™  
 P.O. Box 39914  
 Denver, Co. 80239-0914  
 (303) 371-8232  
 (303)371-8296 (fax)  
 www.NextStone™.com

**Section 2: COMPOSITION INFORMATION ON INGREDIENTS:**

\*No Hazardous Ingredients\*

Component:	% Weight	Case No.
Polyurethane (rigid)	94.8%	None Assigned
Proprietary Ingredients	5.1%	n/a (non hazardous)

These rigid urethane panels are manufactured from polyurethane, inert fillers, process aids, waxes, colorants and fire retardants.

**Section 3: PHYSICAL / CHEMICAL CHARACTERISTICS:**

Appearance and Odor: Solid, odorless panel, various colors  
 Boiling Point (degrees Fahrenheit): Not applicable  
 Vapor Pressure: Solid, Not applicable  
 Percent Volatile by Volume: 0  
 Solubility in Water: 0  
 Specific Gravity (water = 1): .6  
 Melting Point (degrees Fahrenheit): Not applicable  
 Evaporation Rate (butyl acetate): Not applicable

**Section 4: FIRE AND EXPLOSION DATA:**

Flash Point: Not applicable  
 Auto-ignition temperature: 500 degrees Fahrenheit  
 Extinguishing Media: Water, CO2, or sand  
 Special Procedures: Firefighters and others who may be exposed to products of combustion should wear full protective clothing including self-contained breathing apparatus.

**Section 5: REACTIVITY DATA:**

Stability: Stable under normal conditions  
Incompatibility (Materials to avoid): Avoid open flame. Avoid contact with oxidizing agents. Product may auto-ignite at temperatures in excess of 450 degrees Fahrenheit.  
Hazardous decomposition products: Thermal and / or thermal oxidative decomposition can produce irritation and toxic fumes and gasses including carbon monoxide, hydrogen cyanide

**Section 6: HEALTH HAZARD DATA:**

Rigid polyurethane is not considered or listed as a hazardous chemical in 29 CFR 1910 subpart Z, Product Safety Act (15 U.S.C. 2051), or the Federal Hazardous substances Act (15 U.S.C. 1261)  
Foam dust may be a by-product of the installation process.

Component:	acgih tlv (units)	Osha pel (units)
Processing Waste	5 mg / cubic meter (8 hour twa)	5 mg / cubic meter (8 hour twa)
Processing Waste	10 mg / cubic meter (stel)	10 mg / cubic meter (stel)

Ingestion: Not applicable  
Eye Contact: Eye irritation possible  
Skin Contact: Waste generated from processing may evoke allergic contact dermatitis in sensitized individuals.

**EMERGENCY AND FIRST AID PROCEDURES:**

Eye Contact: Immediately flush with copious amounts of water. Remove to fresh air. If irritation persists, get medical attention.  
Skin Contact: Wash affected area with soap and water. If rash or persistent irritation or dermatitis occurs seek medical attention.  
Inhalation: Remove to fresh air. If persistent irritation, severe coughing or breathing difficulty occurs, seek medical attention.  
Ingestion: Not applicable

**Section 7: TOXICITY DATA:**

Processing Dust: May cause nasal dryness, irritation and obstructions, coughing, wheezing, and sneezing. Sinusitis and prolonged colds have also been reported. Depending on the type, processing dust may cause respiratory sensitization and or irritation.

**Section 8: PROTECTION INFORMATION AND CONTROL MEASURES:**

Respiratory protection: Dust mask, if dust exceeds allowable exposure limits wear a NIOSH / OSHA approved respirator.  
Eye protection: Safety glasses or goggles  
Skin protection: None required (gloves optional)  
Engineering Controls: Provide adequate general and local exhaust ventilation to most exposures.

**Section 8: PRECAUTIONS FOR SAFE HANDLING AND USE:**

Release / Spill Handling: Scrap material or dust from sawing or cutting should be handled as an inert solid, in the fashion of sand.  
Waste Disposal Method: Landfill as non-hazardous waste.  
Storage: Panels and accessories should be stored in original boxes to prevent damage or deformation of the product.

**Important:** The information and data herein are believed to be accurate and have been compiled from sources believed to be reliable. It is offered for your consideration, investigation and verification. Buyer assumes all risk of use, storage and handling of the product in compliance with applicable federal, state and local laws and regulations. NextStone™ makes no warranty of any kind, express or implied, concerning the accuracy or completeness of the information and data herein. The implied warranties of merchantability and fitness for a particular purpose are specifically excluded. NextStone™ will not be liable for claims relating to any party's use of or reliance

**Important:**

All Claims under this warranty must be reported to NextStone™ within sixty (60) days of the date that the defect is first discovered. Claimant should describe the defect and provide name, address, date of installation and warranty certificate number if available.

**Original Owner’s 20 Year Limited Liability Warranty:**

NextStone™ rock-face paneling and accessories are manufactured using quality raw materials and produced with engineering excellence designed for years of maintenance free use. NextStone™ warrants exclusively to the original purchaser of our product for a period of 20 years from the original date of purchase, and is the owner of the property to which our products were originally applied, that the NextStone™ rock-face paneling applied to that property will not fade, peel, rot, blister, rust, flake, chip, crack, corrode or be consumed by termites solely as a result of defects in material or manufacturing. Should any of these defects occur during the 20 year warranty period, while he or she is the owner of the property to which the NextStone™ urethane rock-face product(s) were applied, and provided that the terms and conditions of this warranty are met and the claim is properly reported as stated below, NextStone™ will, at its discretion, repair or replace the material per the schedule below to the original homeowner, the NextStone™ rock-face paneling and accessories determined to be defective, in accordance with the terms and conditions of this warranty. In lieu of replacement NextStone™ reserves the right in its sole discretion to refund actual monies, per the table below rather than replacing the products determined to be defective.

**Conditions Not Covered By This Warranty:**

This warranty covers only the specified damages arising solely from defects in the manufacturing of NextStone™s urethane rock-face paneling and accessories and only if they occur under normal use and service. It does not cover, and NextStone™ is not liable for, conditions or failure of or damage to such products resulting from faulty or improper installation, settlement of the structure on which products are installed or shifting of structural members or adjoining surfaces, failure of the structure (including foundations and walls), accidental damage or

Years from Date of Purchase	NextStone Coverage	Original Homeowner Responsibility
1	100%	0%
2	95%	5%
3	90%	10%
4	85%	15%
5	80%	20%
6	75%	25%
7	70%	30%
8	65%	35%
9	60%	40%
10	55%	45%
11	50%	50%
12	45%	55%
13	40%	60%
14	35%	65%
15	30%	70%
16	25%	75%
17	20%	80%
18	15%	85%
19	10%	90%
20	5%	95%

negligence, intentional acts or damage, fire, wind, flood, lightning, acts of God, misuse, improper care or failure to provide reasonable and necessary maintenance of the product, normal and expected weather of the surface, mildew, exposure to harmful chemicals or vapors or acid rain, surface discoloration due to atmospheric pollution, contaminates, staining or oxidation, distortion or warping due to unusual heat sources (including outdoor grills and reflection from windows or foil sheathing), or the installation of accessory products which are Incompatible with the NextStone™ paneling or which are installed in a manner detrimental to the performance of the NextStone™ siding. Proper installation is important to the finished look of the product. Gapping between panels or accessories is not covered under this warranty. This warranty covers only unpainted products and is inapplicable to finishing applied to the product by the homeowner. NextStone™ shall be allowed a reasonable opportunity and time to investigate the claim and to inspect the rock-face paneling for defects before repairs are begun. You will be requested to allow photos and/or samples to be taken, at NextStone™s option, in connection with this investigation. If your rock-face paneling contains manufacturing defects covered by this warranty, NextStone™ will, at its option, repair or replace the urethane rock-face paneling determined to be defective in accordance with the terms of this warranty, or, in lieu of repair or replacement, NextStone™ may refund the pro-rated portion of the wholesale price of the products determined to be defective. This warranty shall not cover and NextStone™ shall not be responsible for costs and expenses incurred with respect to the removal of defective NextStone™ products or the installation of replacement materials, including but not limited to labor and freight. The warranty period shall not be extended by any such repair or refund settlements on defective siding or accessories. Due to normal weathering, replacement siding may vary in color and gloss from products originally installed. Such variances are not defects and NextStone™ is not liable for such variances. NextStone™ reserves the right to discontinue or make changes to any of its products. If products covered by this warranty are no longer available, NextStone™ shall have the right to substitute a product that in NextStone™s sole discretion is of equal quality and value.

*Some states do not allow the exclusion or limitations to incidental or consequential damages, so the above limitation or exclusion may not apply to you. This warranty gives you specific legal rights, and you may have other rights which vary from.*





*Inspired by Nature.....*

Designed by NextStone™.

**www.NextStone™.com**  
**866-371-8232**