

# M-ROCK I-Series

## INSTALLATION OF NEW I-SERIES (INDIVIDUAL STONE SERIES)

Installing M-Rock Stone's new I-Series is going to be the easiest do-it-yourself project you've ever tackled.



### STACK & FASTEN TECHNOLOGY AT IT'S BEST

M-Rock Stone Manufacturing is proud to once again introduce a new line of stone that is made up of individual stones that are installed using only 2 screws each or quality Construction Adhesive. The minute you hold one of these stones in your hand you will immediately recognized the quality of craftsmanship. Each stone is individually hand cast and colored using the highest quality materials which meets M-Rock's standards of excellence. With the engineered air and weep system build right in, and installed properly following local building codes, the new I-SERIES will last your lifetime. We back it with our 40 Warranty and Customer Satisfaction Guarantee.



#### READ:

- Read the instructions and be familiar with local building codes.
- Ensure that you have all the tools and supplies you will need.
- We are here to help, just call customer service 866-896-7625.

#### WHAT YOU'LL NEED:

- 30# felt moisture barrier
- Level and chalk line
- Electric Drill

#### FASTENER CHOICES:

- Drywall screws/anchors
- Exterior grade screws
- Staples
- Construction Adhesive

#### PREPPING THE SURFACE

**Exterior Untreated Wood Installation:** For exterior untreated wood installation a moisture barrier of 30# felt doubled or a synthetic barrier is required.

**Exterior Treated Wood Installation:** Moisture barrier of 2 layers of 30# felt is recommended when using treated plywood.

**Interior Wood Installation:** Moisture barrier is recommended.

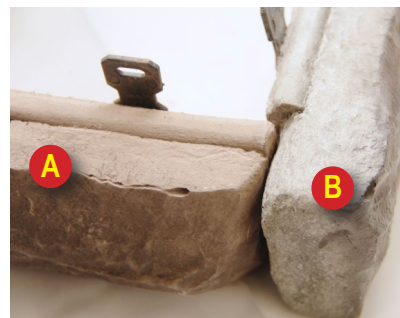
**Interior Dry Wall:** I-SERIES can be installed over Dry Wall, 1) Hit one stud per stone, or 2) Use some type of dry wall anchor.

**Block Installation:** I-SERIES can be installed over block using masonry screws to apply stone to block. We recommend that the block be sealed before I-SERIES installation. Moisture barrier of 2 layers of 30# felt is recommended.

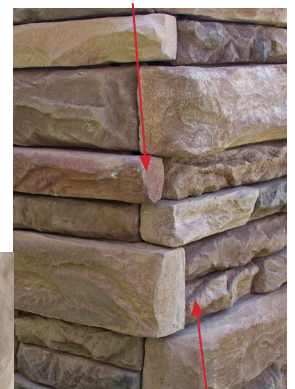
#### USE THE STAIR STEP TECHNIQUE WHEN INSTALLING I-SERIES

##### STEP 1: START WITH CORNERS

- Always start at the bottom of an outside corner. Start with a flat stone (see pic A) and corner stone (see pic B), each stone works together to create M-Rock's innovative new corner system. If you are installing on a flat wall skip to step 3 and start at a bottom corner using flat stones only.
- When starting on an outside corner, begin with a flat stone in hand and match it with a corner stone that is the same height, two stones can be used to achieve this match and is a good technique from time to time. Align the corner stone or stones so that it overlaps the end of the flat stone.
- Once you have achieved the proper look and alignment attach the stones to the bottom of the outside corner by placing screws through the tab screw holes (see pic D). Make sure to stagger corners as you go up.



##### C Corner stones overlap flat stones



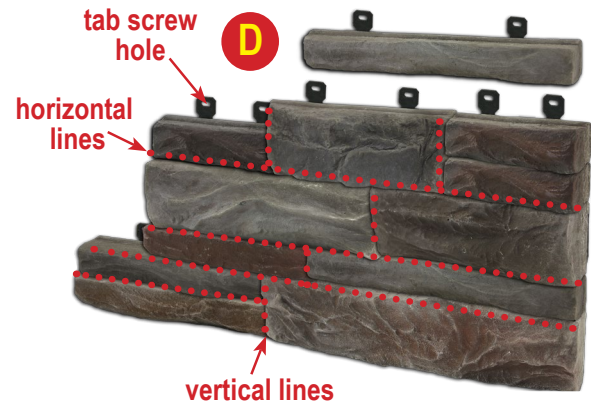
Alternate corner and flat stones so as to not create a vertical stone line

## STEP 2: YOUR FIRST ROW

- To start your first row of flat stones either butt a flat stone to the corner stone already on the wall, or start in a bottom corner with a flat stone. Make sure the stone is straight then place a screw through the tab screw hole (see pic D) securing it to the wall.
- No starter strip is necessary for the first row. A dab of concrete construction adhesive on the back of each stone on the first row can be used to assure a tight fit to the wall, but is not required. All rows above the first row will utilize the concrete locking system engineered into the top and bottom of each stone to assure a tight solid feel.

## STEP 3: SECOND ROW AND UP

- To start the second row, place flat stones on top of the first row already installed. Do your best to align the ends of each stone to the stone beside it. Do your best to align the concrete locking channels on the top & bottom of each stone. Press down on the stone before screwing the stone to the wall to assure a tight fit, then place a screw through the tab screw hole (see pic D) to adhere the stone to the wall. Check stones often that they are straight and fit tight to the stones around them.
- To achieve the stair step technique install a few flat stones on each row, then repeat step 2, 3, & 4. Never continue more than a few stones on any line, keep the lower row just ahead of the row above it, and follow this process on each row above until completion. Never build rows of stone that are the same size.
- Do your best to keep stone sizes and colors random and do your best to keep from running one size of stone more than 30 inches or so in a single horizontal line (see pic D).



## CUTTING YOUR STONE

- Most cuts will be simple. Make sure you use some of the small pieces of stones left from your cuts, you will love the look they will give you. Cut pieces of stone will often not have a tab on them. This is not a problem, simply place a dab of concrete construction adhesive on the back of the small stones and adhesive them in place. The stone locking system on the top and bottom of each stone will also assist in holding the stones in place.

## STEP 4: TOP AND FINAL ROW

- The top and final row of stone usually requires the tabs to be removed and the stones cut to fit into place. To install after the correct cut has been made use a few dabs of concrete construction adhesive on the back of each stone and slide them into place. A table saw with a diamond tip blade is the best for this cut, but any saw will work. A grinder is a good option for this as well.
- To install exterior, a proper installation of a water barrier behind the stone is all that is required. M-Rock requires two properly installed layers of 30 weight felt or one layer of Ice Shield (see complete instructions for water barrier requirements). Window and doors require additional water proofing techniques. Check with local building code for water barrier requirements before installation.

