



ROCK
INTERLOCK
Granite Supply and Sales

The Smart Flagstone System
INSTALLATION INSTRUCTIONS

Thank you for your recent purchase of Rock Interlock



RockInterlock.ca

TOOL REQUIREMENTS



Tape measure



Large rubber mallet



Gloves



Metal rake



Safety glasses



Spade shovel



Dust mask



Push broom



Knee pads



Construction level



Angle grinder or gas saw with stone blade

MATERIALS REQUIRED

Joint spacers provided with purchase

Polymeric sand (follow manufacturers instructions on bag for proper use and cure times)

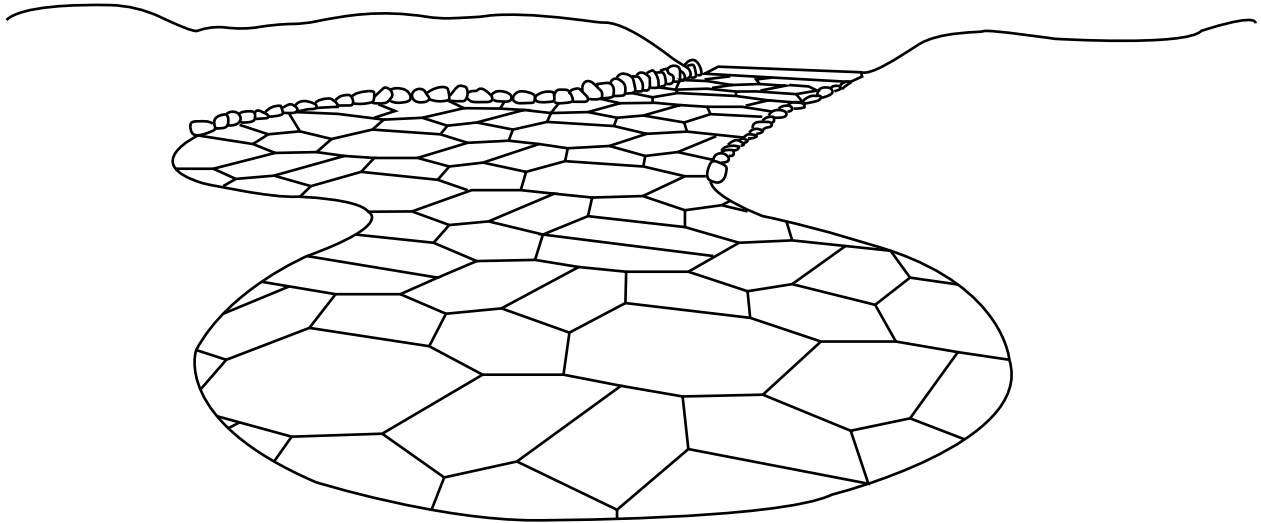
Edge restraints used to retain the edges of the installed flagstone

8" Steel spikes to secure edge restraints

STEP 1

PROJECT LAYOUT

Determine the area of coverage.



Using a tape measure, mark parameters of the area using marking paint or string.

TIP Working against a building

It is always best to start an installation against an existing straight edge or building a wall.

Here you can set your finish height/grade and always slope away from the building.

STEP 2

EXCAVATION



Depending on the size of the area to be finished, hand dig or use an excavator to remove all unsuitable, unstable, or unconsolidated sub-grade material.

When estimating the depth of excavation, consider the final grade of the project.

Add the height of the flagstone and the depth of the base material (6") to determine the overall depth of excavation.



STEP 3

FILL & COMPACT

Suggested base materials

- Gravel (no bigger than 3/4")
- Standard sand / screenings

NOTE The compaction rate of different base materials vary

Thickness of Compacted Base — Pedestrian Traffic: 6"
(Rock Interlock Is only rated for pedestrian foot traffic).

Fill the entire excavated area with desired base material.

Over prepare the base area by 6" around the perimeter of the final layout.



Using a steel rake smooth the area and level by eye.

A plate compactor works best to pack and set the base.

STEP 4

GRADE AND SCREENING



Using a long straight edge like a 2x4 or construction level, drag it across the compacted base, scraping off the high spots and filling in the low spots with extra material as needed.

TIP A carpentry level works best to maintain a proper level grade.

This may take a few tries, but take your time and make it as consistent as possible.

Lastly, compact the area once more and screen again until a flat level or sloped base is created.

NOTE

When preparing the grade of the base, be sure to provide a 1/8"-1/4" of drop per foot for proper drainage if necessary.

STEP 5

LAYING THE FLAGSTONE

Rock Interlock has a “BASE START” feature designed for an ideal installation starting procedure.

Using the designated “BASE START” stones, locate the corresponding edge and “butt” it up against the existing straight edge. (If you are creating a standalone feature, start in the middle of the area and work your way out.)

This will be your “BASE” stone that you will build out from.

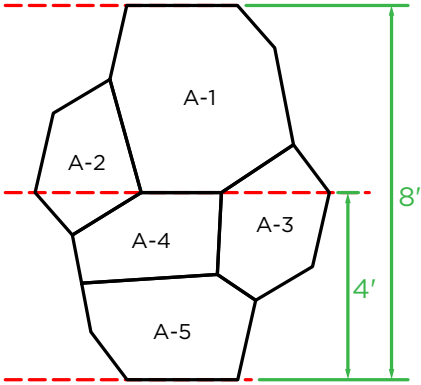
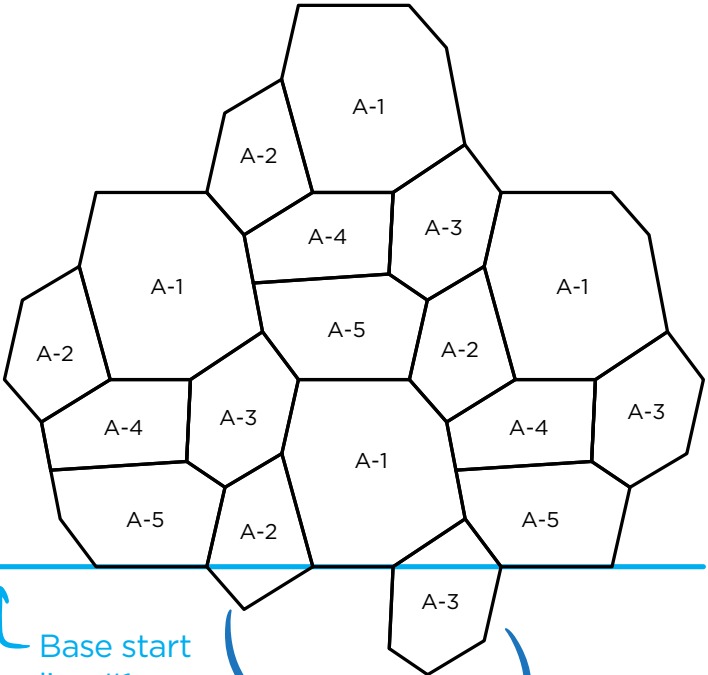
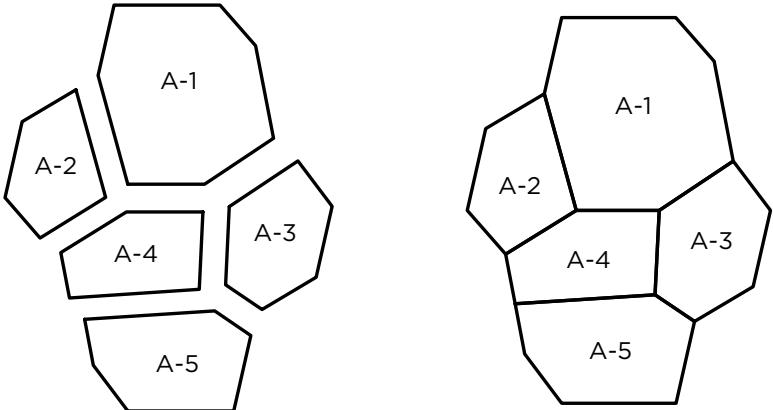
Follow the layout diagrams to select the next stones to be laid, and use the proper joint spacers included with your purchase. Use a minimum of two joint spacers between each stone.

A small 1’ or 2’ carpentry level will help you adjust each stone to ensure a consistent finished height.

TIP Pre-layout

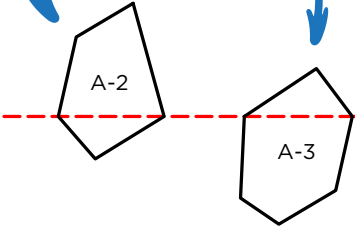
If you have a vacant area near where you are working, it may help to roughly lay out all the pieces in proper order to make installation easier. This will also keep unnecessary foot traffic off your finished base.

THE FLAGSTONE PATTERN



Cut lines - - - - -

Base start line #1



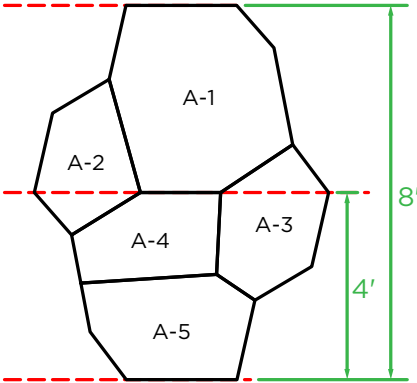
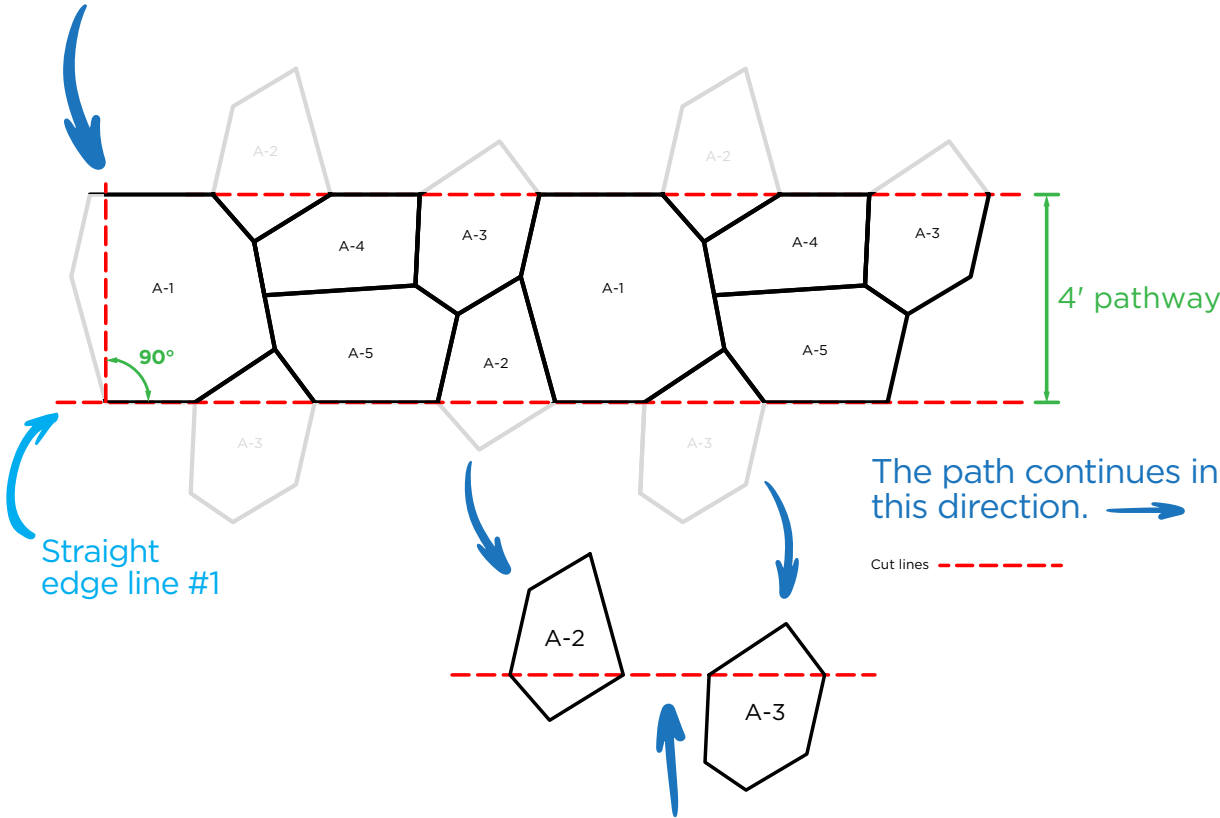
Cut these stones point-to-point for the base start / straight edge.

Do not discard the cut-off pieces as they can be installed in the corresponding locations above.

HOW TO CREATE A PATHWAY

Large Pattern

Cut line perpendicular to straight edge line of A-1 stone



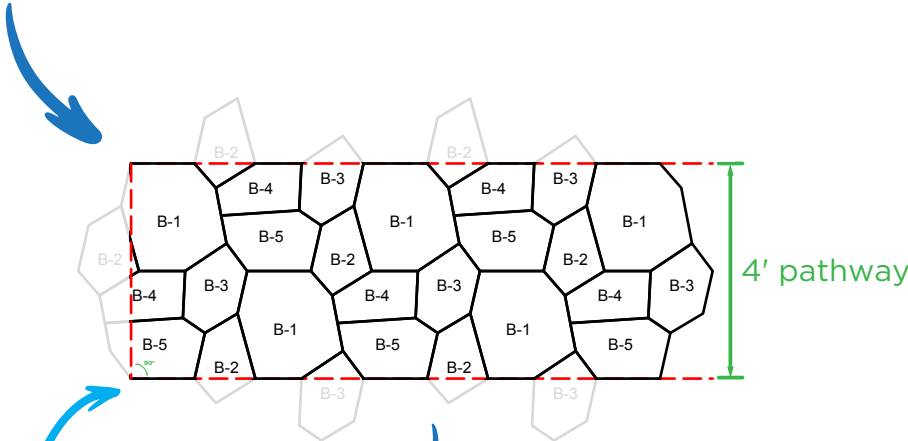
Cut these stones point-to-point for the base start / straight edge.

Do not discard the cut-off pieces as they can be installed in the corresponding locations above

HOW TO CREATE A PATHWAY

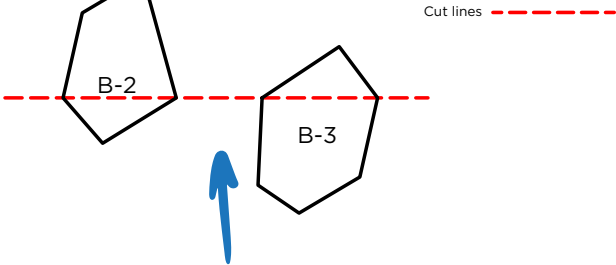
Small Pattern

Cut line perpendicular to straight edge line of B-1 stone



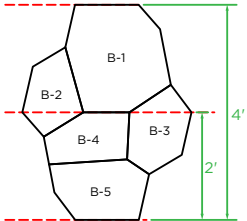
Straight edge line #1

The path continues in this direction. →



Cut these stones point-to-point for the base start / straight edge.

Do not discard the cut-off pieces as they can be installed in the corresponding locations above



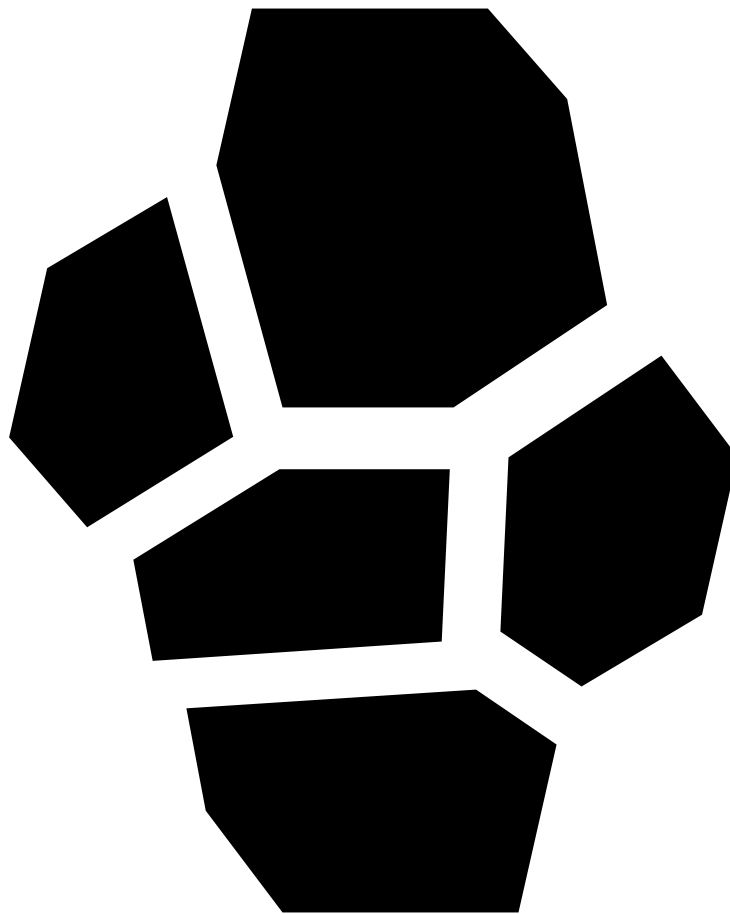
STEP 6

SETTING THE FLAGSTONE



Using a large rubber mallet or a block of wood and a hammer, gently tap each stone as you install them. A few easy hits will help you adjust high spots and set each stone to the base material.

Once all pieces are laid out, carefully remove the spacers from the joints.



STEP 7

PERIMETER FINISHING

If you are looking to create a perfectly square or radiused flagstone feature, use a straightedge and a marker, or string line to mark the desired “cut-line” of the perimeter.



Using an angle grinder with a stone blade or larger gas saw, cut along the line as deep as possible, cutting off the excess granite.

Once complete, use a regular garden hose to wash off any dust and debris left over.

NOTE



Be sure to wear proper eye, ear and respiratory protection while cutting.

Optional

- Edge restraints are available to retain the outside edge on the flagstone perimeter

STEP 8

FILLING THE GAPS

Using the desired joint-fill material, simply spread it over the entire surface of the installed flagstone area.



Using a firm bristle broom, push all material into each joint until it fills to the top.



Another few gentle taps on each stone with the rubber mallet will help vibrate the sand deeper creating a more solid fill. Top up all joints that have settled with more jointing material.

Follow the instructions on the joint-fill material packaging to ensure the proper finish and cure.

ROCK INTERLOCK

GRANITE SUPPLY AND SALES

Patent Pending

Your Granite Supply Source

- Rock Interlock Pre Cut-flagstone
- Raw Flagstone
- Granite Steps
- Veneer & Tile

Custom sizing and orders available

Please contact

info@rockinterlock.ca

705-783-8230

RockInterlock.ca

Huntsville, Ontario, Canada



WARRANTY

Rock Interlock is a natural stone product.

We do offer free replacements of up to 3 individual stones. This covers unforeseen fractures or breaks in the product due to defective material.

We do not replace products that have been damaged or abused due to accidental impact, or mishandling.

RockInterlock.ca