CORNER

At GeoStone, we pride ourselves on coming up with new and better ways of doing things. The Open Core Corner is a perfect example of this. Prior to the Open Core Corner, wall installers had two options, make a corner (miter joint) or use a Corner Block.

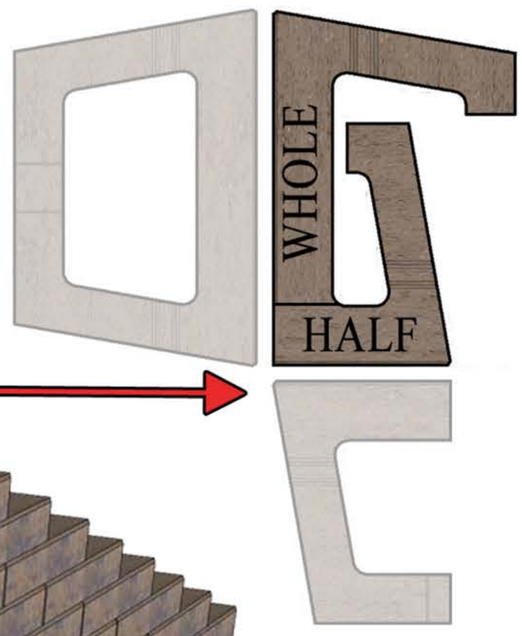
Miter Corner: involved cutting blocks on a 45 degree angle and fitting the two pieces together to make an outside corner. This process leaves an obvious and unsightly vertical seam at the point where the two blocks meet. Over time this seam may begin to open up which may or may not pose a structural problem depending on the severity of the void. Regardless, the wall's esthetic value has been compromised.

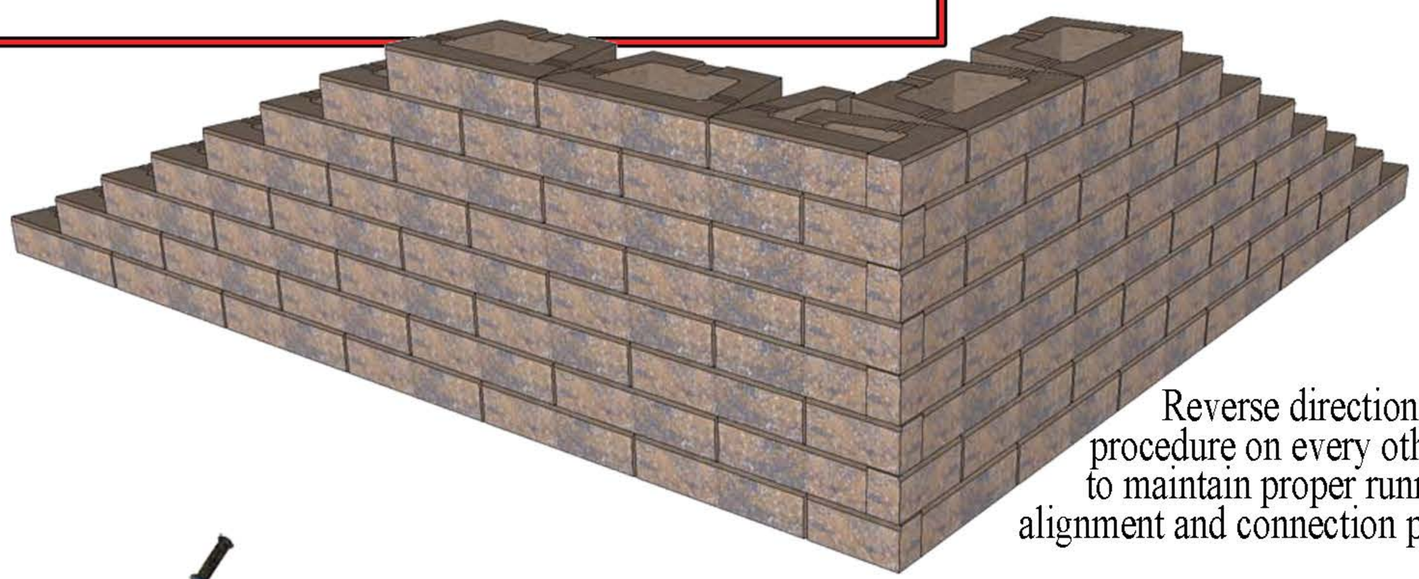
Corner Block: will almost never come from the same run because it is made with a different mold, more than likely at a different time, and under different conditions. This may produce a significant color variation from the rest of the wall.

The Open Core Corner is a procedure that allows the installer to make a structural corner from the same block used in the wall allowing for matching corner that will not separate. Instead of a vertical seam, your

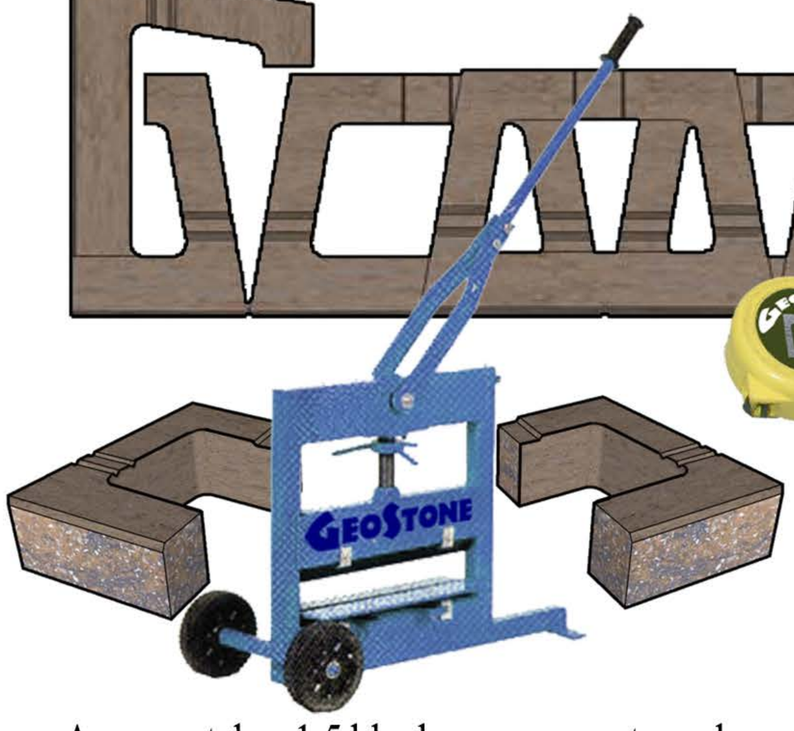
Half-Whole rule:

In order to maintain the required running bond, a structural corner must have the correct offset to correspond with the courses above and below. This particular corner method allows for this to be accomplished very easily. Just remember "HALF-WHOLE". One side of the corner needs to be HALF the length of a block's face, the other side of the corner needs to be the WHOLE length.

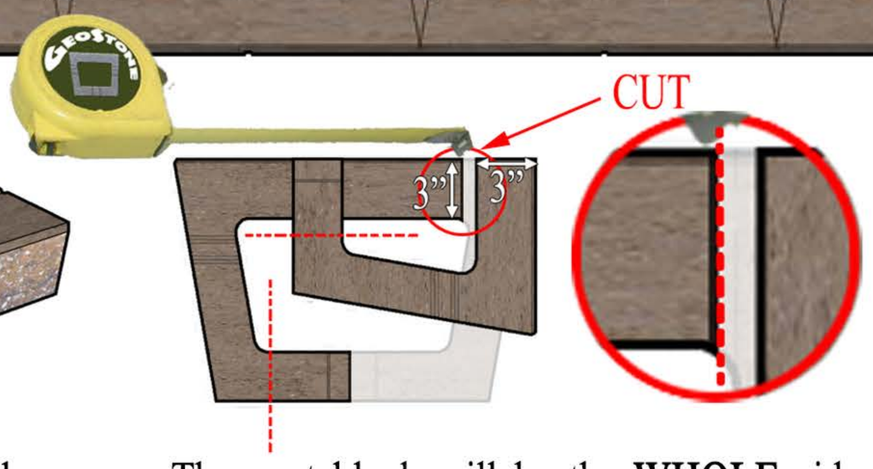




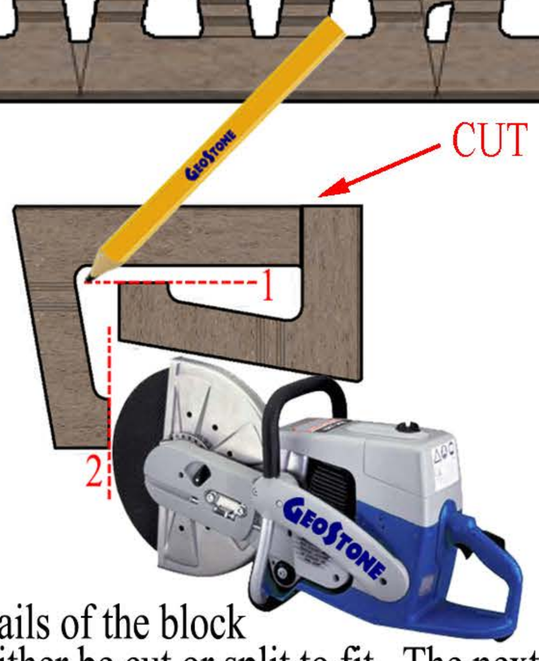
Reverse direction of corner procedure on every other course to maintain proper running bond alignment and connection properties.



A corner takes 1.5 blocks per course to make. The first block will be Split in **HALF**. Take care to make sure this split is made at exactly the halfway point so that the other half can be used on the next course's corner. Splits are made with a block or paver splitter as shown above. Hammer and chisel cause undesired breaks.



The next block will be the **WHOLE** side. Measure all the way to the point where the inside of the core starts to make its turn. This is where a cut is necessary in order to fit snug against the machined edge of the other piece of the corner. The length of the piece to be cut off should be 3" (the same as the width of the split edge on the half block).



The tails of the block can either be cut or split to fit. The next block on the "**HALF**" side will determine where cut #2 will be placed. Use a liberal amount of glue in your corners for added connection. Sack Concrete can be placed in the cores with the rock as well.