

Moderra™ Running-Bond Installation*

**This documentation is to be used only in conjunction with the Moderra Installation Manual. Please refer to the manual for greater installation detail.*

Introduction

Moderra is a revolutionary mortarless siding utilizing patented H-Channel technology to make it fast, strong, and economical. Normally, Moderra is stacked vertically. However, because its enormous flexibility, Moderra can also be built horizontally – creating an aesthetically pleasing running-bond pattern.

This short note explains how to build Moderra in a running-bond pattern. This can be achieved with both 8" Block and 4" Block (this note only shows 4" Block). Running-bond applications utilize all the Moderra components except for Corner Blocks. Because this note only reviews the differences between a horizontal and a vertical installation, you should read the Moderra Installation Manual before beginning your application.

Getting Started

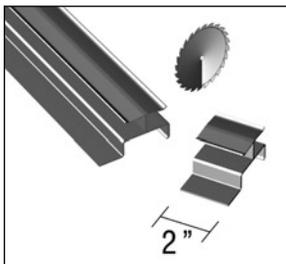
Please refer to the Moderra Installation Manual for information regarding component specifications, tools needed, cutting Moderra, fastening Moderra, preparing wall surfaces, and installing the Starter Ledge.

Estimating Materials

Installing Moderra horizontally will use the same amount of materials as a normal, vertical, installation – with the exception of the H-Channel. Estimate your materials using the Moderra Project Estimate Sheet. Take the number of H-Channels figured and divide by 2 (if using 4" Blocks for your application) or 4 (if using 8" Blocks).

H-Channel Clips

Moderra's running-bond application requires 2 inch pieces of H-Channel. Prepare by cutting the H-Channel into 2 inch clips.



Note: Remember to follow proper safety procedures when cutting. This includes, but is not limited to, safety glasses, dust mask, and ear plugs.

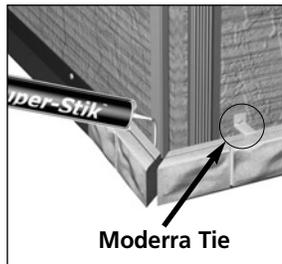
16" and 12" Moderra Units and Corners

Moderra Blocks are always 16" long. However, in order to get the proper running-bond appearance, you will have to cut 4 inches off some units. These shorter units will be referred to as 12" units in the following instructions. It is best to use these at a corner, where the cuts are easily hid.

To maintain the running-bond, you cannot use Moderra Corner Blocks. Instead, use regular blocks (4" or 8") to make your corner. Miter cut the ends of the units at a 45-degree angle and glue them using SuperStik. Always pair a 16" and a 12" unit to make a corner.

Start at the Corner

Moderra works best when you start at a corner. Attach Trim Channels approximately 3 inches from the end of each corner. Apply SuperStik to the first 4 inches (8 inches for 8" Block) of each Trim Channel and place two prepared units on the Starter Ledges at each end of the corner. Because of the miter cuts, the ends should fit together snugly.



Note: The Atmospheric Gasket and chamfer on the blocks should face up and level each unit vertically and horizontally.

On the other side of the units, slide H-Channel Clips into place and affix to the wall.

Attach Moderra Tie

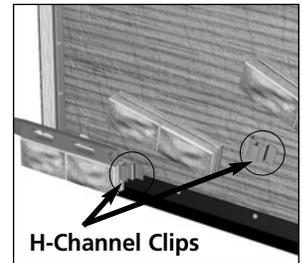
Place a Moderra Tie into the Atmospheric Gasket and attach to the wall. Use a Moderra Tie on each block glued to a Trim Channel to ensure a secure hold.



Build Horizontally

Continue building on side of the wall by sliding another block into the H-Channel Clip of the unit at the corner.

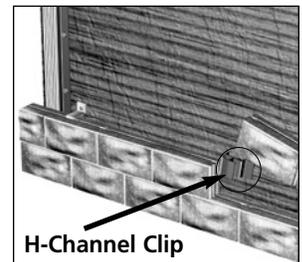
Attach another H-Channel Clip to the side of this unit and affix to the wall. Maintain this process until you have reached the end of your wall.



Additional Courses

On the second course, reverse the order of the prepared corner blocks (12"/16" vs. 16"/12").

Continue to install full units until you are ready for your next course. This should match the initial course to maintain the proper look. Once you have reached your desired height, finish building the other side(s) of your project.

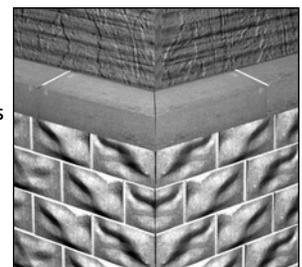


Windows, Doors, and Coping

Please refer to the Moderra Installation Manual for details on installing Moderra around windows and doors, as well as, using Moderra Sills.

Conclusion

Your finished installation should look as follows. Congratulations and enjoy your new Moderra siding!



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