How to Order the Right Amount of the NEW Flat and Corner Panels

Here are photos of a Virginia Ledgestone Panel project. This installation is being used as an example of how to order the right amount of Flat and Corner panels. Let’s start with the dimensions of the hearth stone. It is 7 ft long, 22 inches deep, and 12 inches off the floor. The fireplace’s left corner height is 12 feet, floor-to-ceiling, and the right side is 10 feet. The return walls are 20 inches deep.

Calculate the total amount of flats square footage needed:

- Front wall: 7’ x 11’ (approx.) = 77 sq ft
- Return wall (left side): 20” (=1.7 ft) x 12’ = 20 sq ft
- Return wall (right side): 20” x 10’ = 17 sq ft
- Hearthstone return: 1’ x 2’ (approx.) = 2 sq ft
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Total = 118 sq ft

Calculate the amount of Corners needed:

(Each corner panel covers 4 lineal inches of natural, snapped-end corners.)

Per measurements above, we have 12 ft + 10 ft + 1 ft + 1 ft = 24

- 24 linear feet of corners are needed to complete the project.
- 24 feet of corners = 288 inches of corners needed (24x12).
- 288” / 4” per panel = 72 corner panels needed.

Each corner panel covers 1 square foot of wall space. If the entire job is 118 square feet, and we need 72 corner panels, then approximately 46 flat panels are also needed. However, we used Best Practice installation method shown on the opposite page, and needed 60 Flat Panels.
The **goal** of the panel installation process is to:

1. Make the project look as **natural** as possible
2. **Not** appear as a panelized system
3. **Not** notice individual panels

In order to do this, it will be necessary to make some half panels on-site. It does not always need to be half of a panel (it could be less than half, or more than a half, whichever makes more sense.)

As you go up the wall and start a new row of panels, offset the new row with this **half** panel. This will stagger the panels much more effectively as you climb the wall with the next course, better hiding the fact that this is a panel system.

When cutting the half panel, it should not be cut straight down the middle. It should have notches on both ends to look like the standard panel, only a smaller version. Here is an example of what **NOT** to do.

**Examples of “half” panels:**