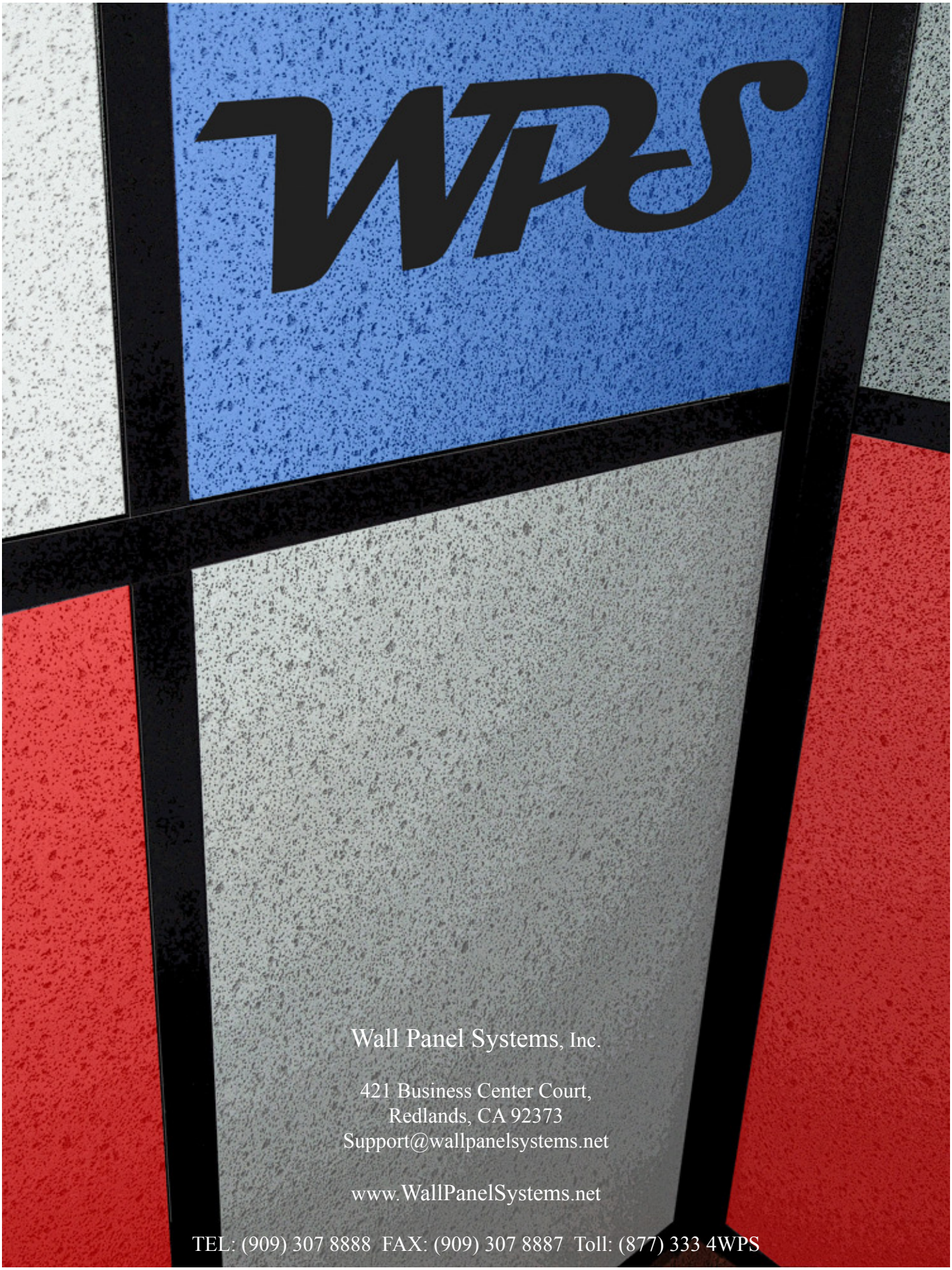

Wall Panel Systems, Inc.

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Before you begin installation:

This installation instruction is valid for the following systems:

1/4” Low Profile System

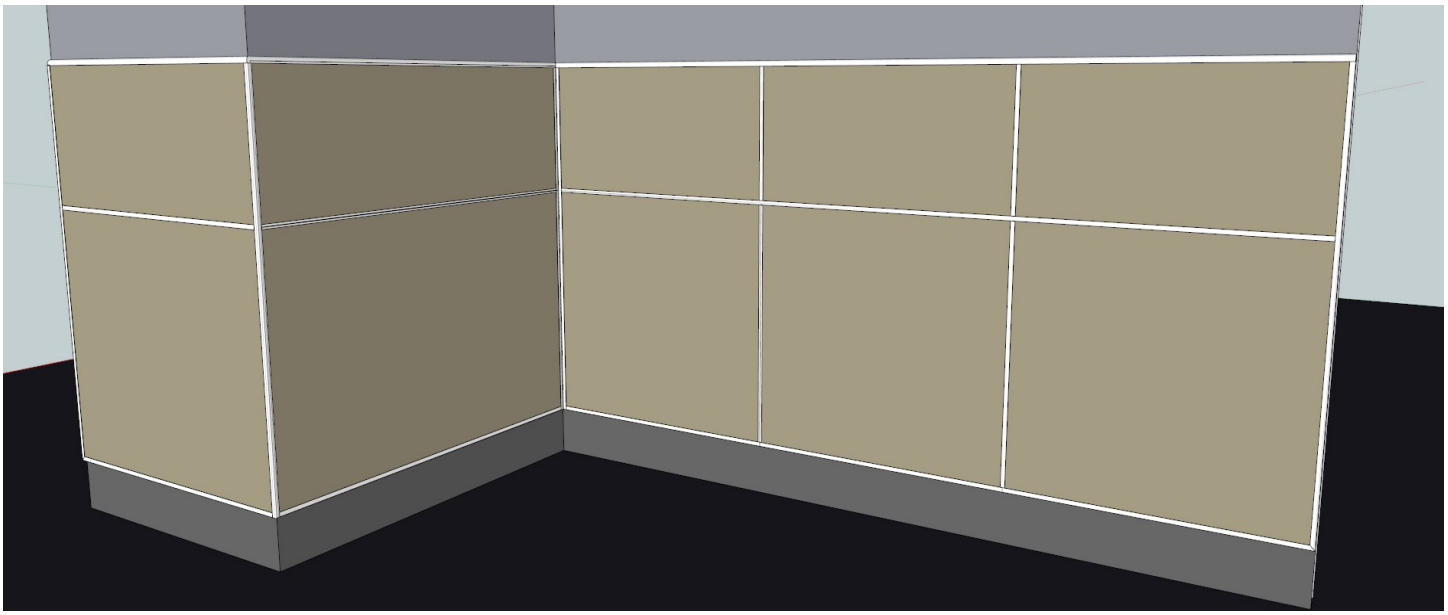
Take a few moments to get familiar with your shop drawings. Check that the dimensions match the existing conditions. Notice that all panels will have a label on the lower right hand side. This label will correspond with panel labels on the shop drawings.

Set up your laser level and check the surfaces to be clad with the WPS system. Verify that the walls, corners, floor and ceiling are level and plumb. If they are not, this is the time to make corrections to the wall before you begin installation. WPS panel systems need to be installed flush and plumb to ensure the professional look we strive for.

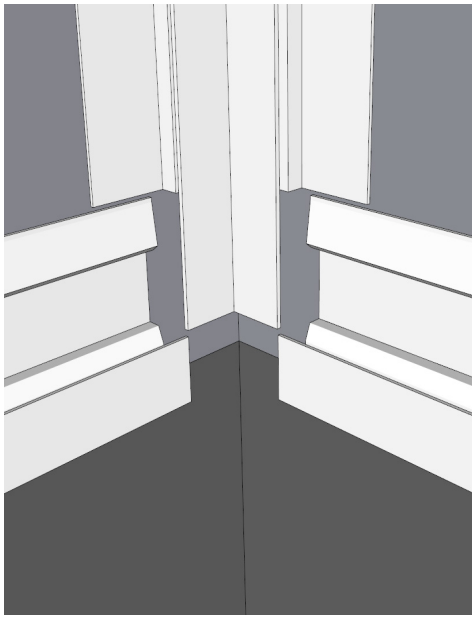
Throughout installation, keep in mind that trim pieces will come in 10’ length. Install them in the longest possible lengths that an area will support and be sure to screw them into studs or other structural backing. Never use a piece that is only screwed in at one point.

To affix trim to the structural backing we recommend #8 x 1-1/2” Pan head screws. For attachment to a concrete substrate, we recommend using 1/4” x 1-3/4” Hex Washer Tapper Concrete screws. However, refer to architectural construction documentation for the approved fasterers.

We recommend **Tenryu LTD. - Silencer**. Carbide tipped saw blade (7.25” x 52T x 5/8” Rake 18 degrees, top 10 degrees, face 15 degrees) for any cut through phenolic material.

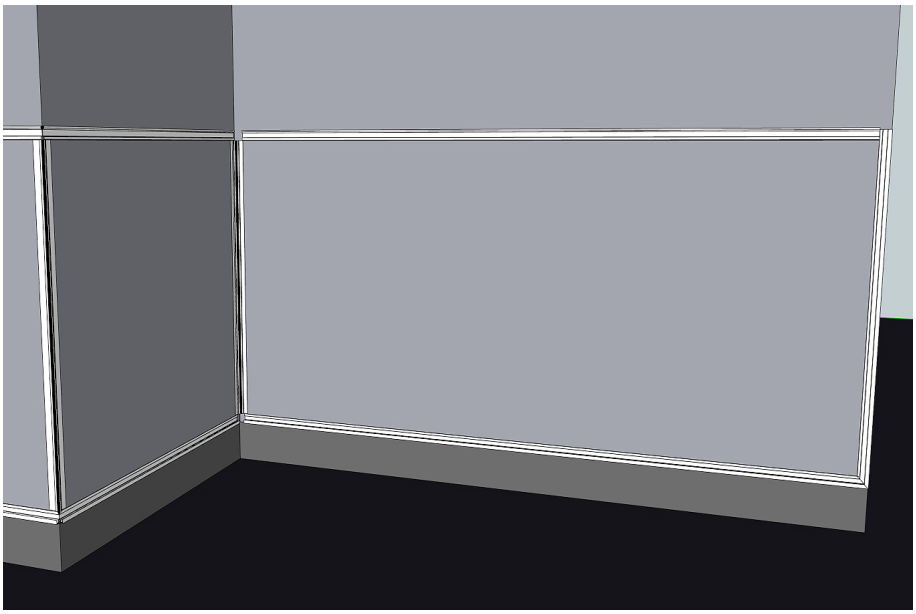


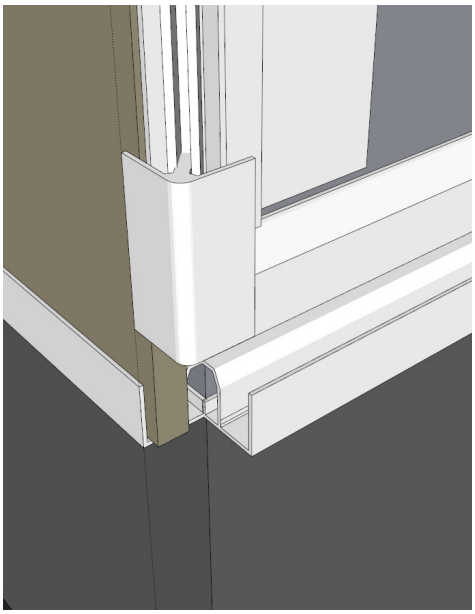
Installing your WPS 1/4" Low Profile system:



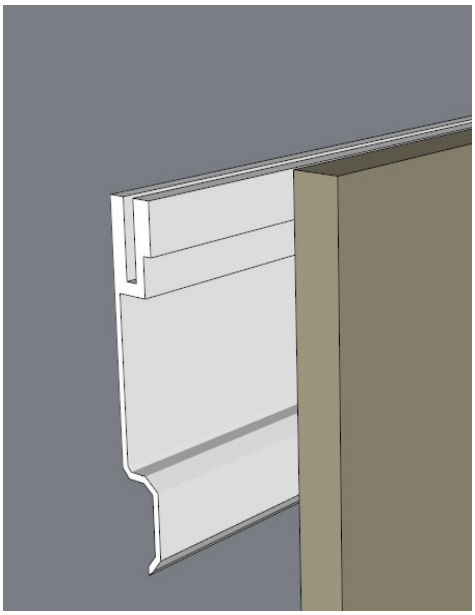
Step 1: Begin by installing the corner trim. Set the corner caps loosely in place to judge where the edges will begin and end. Set the bottom and vertical edge trim in place. Miter joint bottom and vertical edge connections.

Step 2: Once the trim perimeter is complete, find the panel that corresponds to the wall and area to be installed. You will notice that the panel comes with a label clearly designating the panel number in one corner. Reference the shop drawings and install panels according to the design.





Step 3: Place the panel against the wall so that it sits in the track along the bottom edge. Mark the wall at the top of the panel. Using a laser level, install the horizontal rail below this line so that the top of the panel and top of the horizontal rail are level.

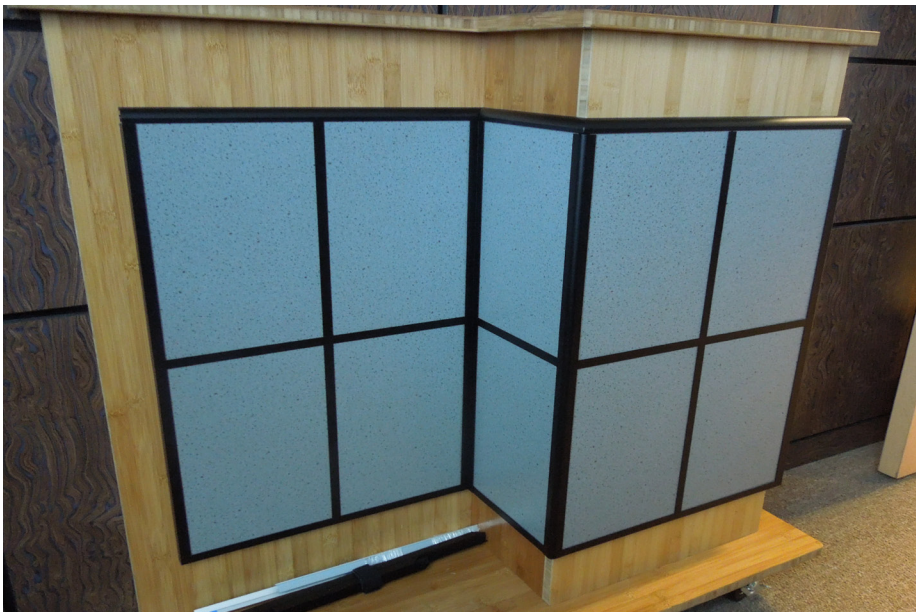


Step 4: With the perimeter trim and horizontal rails installed, place the first panel on the bottom edge rail and slide it into the vertical rail. Find the vertical joint trim and cut it to fit between the bottom edge and the horizontal trim. Place this trim against the first panel and set the next panel in place tight to the vertical trim. Continue this way to the end of the wall.

STEP 5: Once a horizontal row is complete. Set the horizontal joint into the horizontal rail. This will lock the bottom row of paneling in place. When in place, the horizontal trim will be the rail for the next row of paneling.

STEP 6: When all the panels are on the wall, use the Top edge cap to lock the wall into place. You will want to use a few dots of silicon adhesive every 8-10" to be sure the piece will be solid.

STEP 7: The final step is to add the inside and outside corner caps. Place the cap using silicon adhesive as needed to keep the part in place.



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