ACCUFORM

ECONOMICAL - SUSTAINABLE - FORWARD

Installation Best Practices Guide

Familiarize yourself with the shop drawings. Where there is a difference between approved shop drawings and these instructions, the shop drawings should be followed.

Install all materials plumb, level and true.

All work should start from benchmarks established by the architectural drawings and the general contractor. The sequence of erection should be coordinated with the job superintendent, so delays are prevented, and risk of material damage is minimized.

Make certain the substrate construction to which the Accuform system is to be attached is in accordance with the contract documents. If not, notify the general contractor in writing, and resolve differences before proceeding with work.

Depending on the substrate and the load requirements, different rail spacing, different fasteners and fastener patterns may be required. If you are unsure about the rail spacing, or fastener and fastener pattern to use on your project, refer to shop drawings or contact the engineer on record.

Follow installation and assembly instructions.

Disclaimer: It is recommended that impact drivers are not used during the installation as this can affect the structural integrity of the fasteners used.

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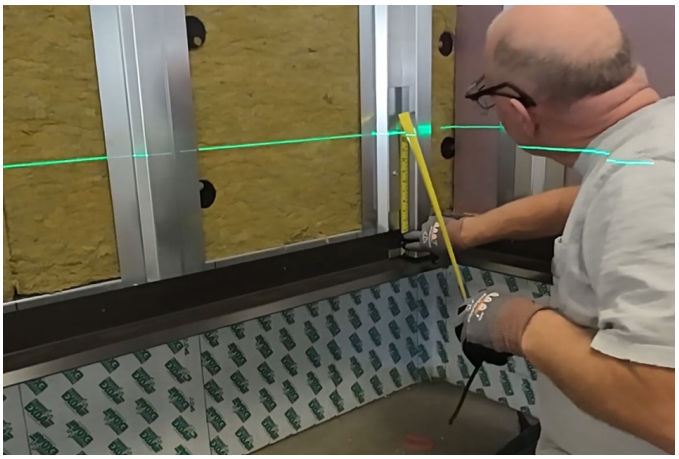
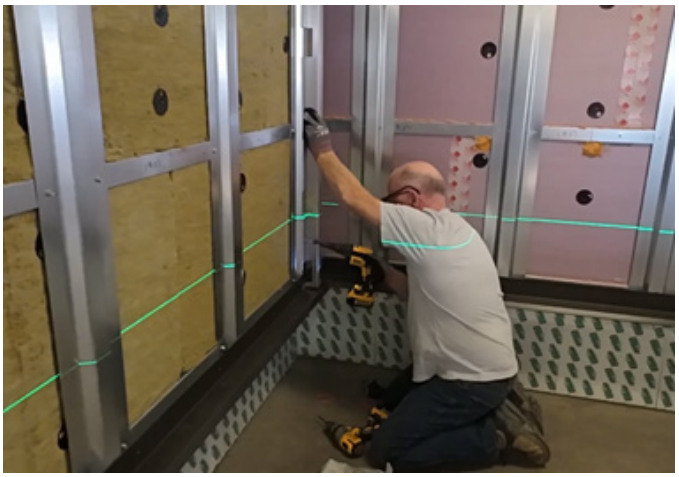
1. Ensure you have all the appropriate equipment for the install. The following are some recommended tools for an efficient installation:
    - Drill
    - Screw gun
    - Clamps
    - Shims
    - Rubber mallet
    - Measure tape
    - Laser level
    - Grinder
    - Skill saw and guide

    PPE Required:
    - Safety glasses
    - Steel toe boots
    - Gloves
    - Any other PPE required for site



2. First, align the Jigs so the bottom the jig is lined up with the bottom of the first row of panels. Set up a laser level to a datum line that can be referenced when fastening.



3. Once the Jigs are aligned and level, temporarily fasten the jigs to the subgirt.

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4. When the jigs are fastened, feed the rails through the jig openings at the pre-determined project spacing.

5. When rails are in place predrill holes into the subgirt at required project spacing.

6. Fasten the rails into the subgirts through the predrilled holes. When the first set of rails are fastened, remove the jigs and set them up further up the wall. This can be used as a guide to set up the next few rows of rails. Repeat this process until all the rails are set up.

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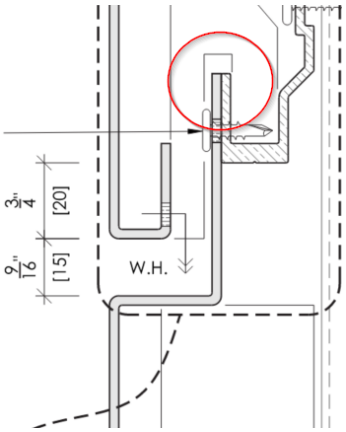

7. If there is an inside corner always start the installation from the inside outwards. Otherwise, it is recommended to install from left to right. Hook the panels onto the rail to align the top of panel with the bottom lip of the rail that the panel is attached to.

8. Use shims to achieve the appropriate panel spacing along both the horizontal and vertical joints. When shimming the horizontal joint, it is necessary to ensure there is a 5 mm gap between bottom of the hook and the rail to allow for thermal movement.

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9. When aligned, clamp the panel in place and fasten the panel to the rail using the pre punched holes along the top flange as a guide.

10. Repeat the process along the wall, ensuring that all panels are appropriately shimmed and fastened correctly to the rail. During the installation of the panels, it is necessary to install a cover plate at any intersecting panel joints throughout the elevation. These plates are simply fastened with a self-drilling fastener.

11. When you get to an outside corner or end detail, you must prepare the female extrusions by creating a 3” notch on the receiver legs wherever there is a horizontal joint in the panel to allow the female extrusion to continuously run through the wall.

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12. After marking the intended locations to notch for either your outside corner or termination extrusion, clamp the marked extrusion onto a workbench and cut the notch out of the extrusion using a grinder or other cutting tool. Ensure appropriate PPE is being worn when completing this process.

13. Once the extrusions are notched, clamp the extrusion onto the end of the rails and fasten using a self-drilling fastener into the deep return of the extrusion. This process will be similar with both a corner extrusion and termination extrusion.

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14. Make a measurement from the closest panel to the corner or termination extrusion and mark out the cut required on the next panel, so the panel aligns with the end of the wall.
    Cut the Panels to the marked length, using the appropriate cutting tools and PPE to safely cut the panels.

15. Hook the cut panels onto the rail and clamp the cut side of the panel onto the extrusion. Ensure the panel is shimmed correctly along the horizontal and vertical joints. Once the panel is in place fasten the cut end of the panel into the leg of the extrusion and fasten along the top flange of the panel in the pre punched holes.

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16. Finally, snap on the appropriate extrusion caps at the termination and outside corner locations, using a rubber mallet as needed.