ISO CLIP INSTALLATION INSTRUCTIONS

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 ISO Clip 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 fasteners and fastener patterns are required. If you are unsure about what fastener or 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.

Tools and Materials Required

The tools you will require for this installation include:

- Cordless Screw Gun
- C-Clamps
- Measuring tape
- Laser Level
- Markers
- Spacers

The material required for this installation include:

- ISO Clips
- Girts
- Fasteners

ISO Clip Installation Video:
https://youtu.be/bhKC8a7cJcQ

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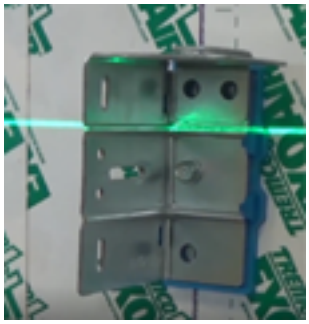
1. The first step of installation is to mark out the studs and clip spacing on the wall. Using an earth magnet or a stud finder identify the stud location. Mark the stud on the air/vapour barrier using a marker or chalk line to easily identify the stud location.



2. Using a laser level, mark the appropriate clip locations. Set up the laser level at the appropriate height to ensure horizontal alignment of the ISO Clips.

3. Once the stud and clips spacing has been marked out. Align the three vertical holes of the ISO Clip with the line marking the stud. Using a point of reference on the ISO Clip and a laser level, ensure the horizontal alignment of the ISO Clip. Once the ISO Clip is aligned with the stud and the laser level, fasten the ISO Clip into the substrate using the suggested fastener for your project.

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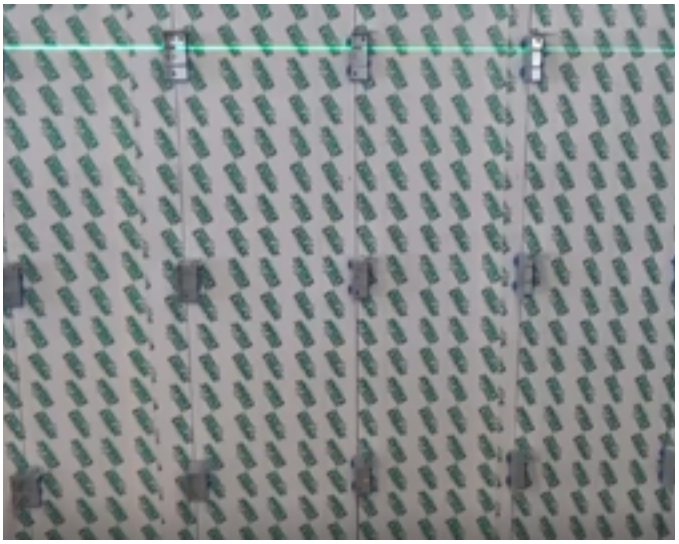
4. Repeat this process along the wall while keeping horizontal clip spacing in mind.

5. Repeat this process again moving up the wall while keeping vertical clip spacing in mind. If you are unsure about your clip spacing refer to shop drawings or please contact the engineer on record or reach out to the ISO Clips team for assistance.
6. If you are installing on a concrete substrate, measure the horizontal and vertical clip spacing using a laser level and mark out a grid to easily identify the ISO Clip location. Fasten your clips using TAPCONS using the marked grid as a guide.



Once your clips are fastened onto the wall at the appropriate clip spacing, you are now ready to install the girts onto the ISO Clip. You can use the same clip for both vertical and horizontal installation.

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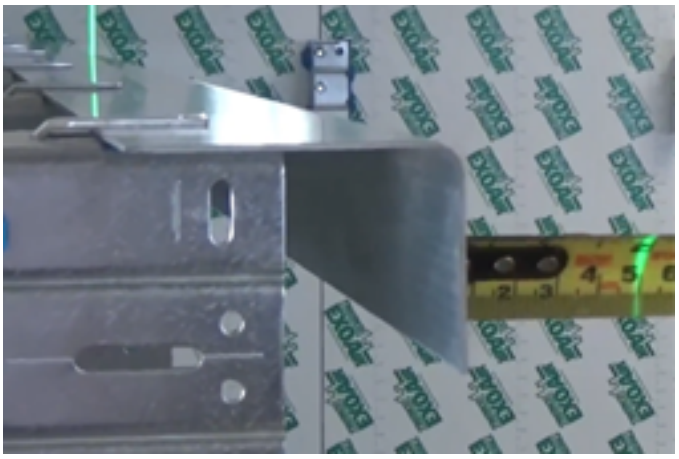
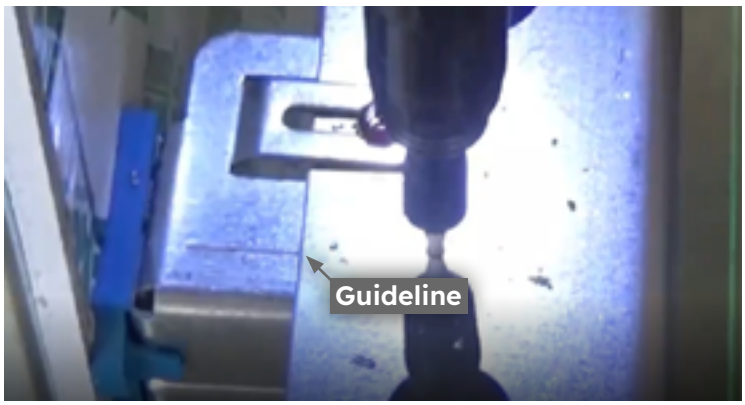
Horizontal Girt Application



1. When installing the girts horizontally, slide your girt through the helping hand on top of the ISO Clip.
2. Set up a laser level as a reference point and make sure your girt is the same distance from the laser level at both ends of the girt.
3. Once the desired girt location is achieved, fasten the girt into the ISO Clip at every clip location.
4. Repeat this process along the wall and on each row of ISO Clips.
5. You may install a fastener in the guide hole in the helping hand to prevent the girt from falling while adjusting your girt. This guide hole is not used for attaching the girt onto the clip but is there for adjustment.
6. You must hard fasten the girt into the clip, using the guideline along the clip as an indication of where to install the fastener.



Disclaimer: Girt ends should not cantilever more than 8” from the last clip. When you are installing two girts besides one another, follow the same process as previously shown but ensure there is a 1/8” spacing between the two girts. You may use a clamp to ensure the girts remain in place when fastening the clip into the girt. To maintain consistent spacing between the girts you may use a shim in between the girts. In some scenarios the gap might not be possible and the girts may need to overlap. Follow the shop drawings.

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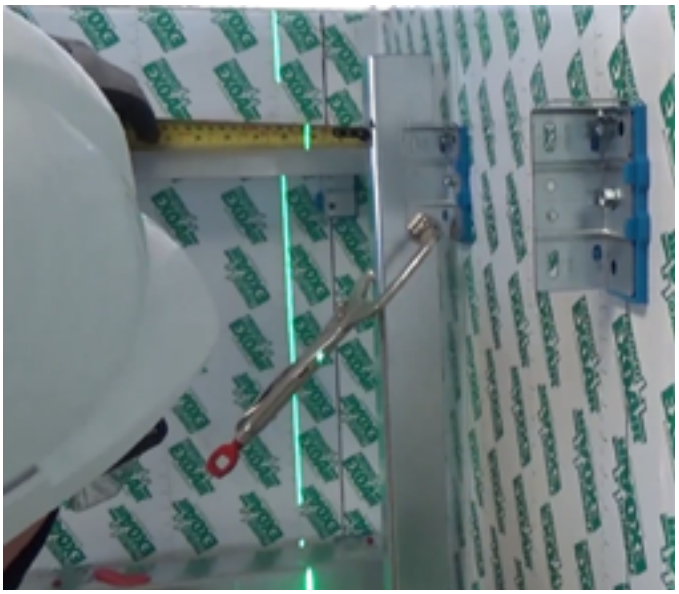
Vertical Girt Application



1. When installing the girts vertically, set up a laser level similar to the horizontal girts, to ensure the alignment of the girts. Clamps are necessary when installing the vertical girts to ensure the girts remain in place when fastening the girt onto the ISO Clip at every clip location.
2. With your girts installed, you are now ready to insulate your exterior wall and fasten your cladding system to the girt.

Disclaimer: Girt ends should not cantilever more than 8” from the last clip. Please ensure you are using the proper fastener arrangement during your installation. If you are unsure about the fastener arrangement refer to shop drawings, reach out to the project engineer or someone from the ISO Clips team.

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