

It is the responsibility of the installer to meet all code and safety requirements. The installer should determine and implement the appropriate installation techniques for each situation. Fortress Building Products or its distributors shall not be held liable for improper or unsafe installations.

REQUIRED TOOLS

Eye Protection, Safety Gloves, Sledge Hammer, 1/2" [13mm] Wrench, Wire Cutters.

REQUIRED MATERIALS

5/8" x 8' [16mm x 2438mm] Copper Ground Rod, 25' [7620mm] 6-Gauge Solid SD Bare Copper Grounding Wire, 5/8" [16mm] Grounding Rod OR 1/2" [13mm] Ground Rod Clamp for #10 SOL/STR, #2 to #14 Dual Rated Mechanical Wire Connector with Single Conductor Mount.

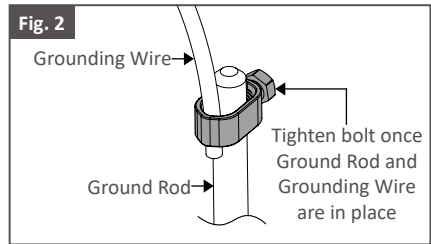
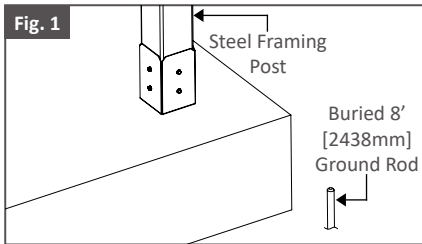
INSTALLATION

Step 1: Install Copper Ground Rod & Ground Rod Clamp

1. Determine desired Ground Rod placement. It is recommended to installed as close to a Framing Post as possible.
2. Drive the 8' [2438mm] Ground Rod until flush or below grade. As shown in Fig. 1.
3. Measure then cut the Grounding Wire to desired length.
4. Slide the Ground Rod Clamp over the Ground Rod then position the Grounding Wire between the Ground Rod and Ground Rod Clamp, away from the Ground Rod Clamp Bolt.
5. Tighten the Ground Rod Clamp Bolt. As shown in Fig. 2.

Note:

- The Ground Rod and Grounding Wire can be buried. Always confirm with local national electrical code (NEC) and local inspectors to confirm they allow it to be buried.



Step 2: Mount Grounding Wire onto Steel Framing Post

1. Fasten the Wire Connector in desired position onto the Framing Post.
2. Insert Grounding Wire through opening in the Wire Connector then tighten set screw. As shown in Fig. 3.
3. Once installation is completed, the Grounding Wire should connect the Grounding Rod Clamp to the Wire Connector on Framing Post. As shown in Fig. 4.

