



Installation Guide



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Section 1 General Information

Safety

Always wear the correct Personal Protective Equipment when installing Xccent Decking Systems. Gloves, Safety Glasses, and Steel Toed Boots are recommended at all times. Xccent also recommends team lifts when appropriate on heavier products.

Xccent Decking System

Xccent Decking System [Decking, Railing, and Stairs] can be used together or individually.

Wood or Steel Framing

Currently most deck framing is made out of pressure treated wood. The pressure treatment continues to have serious environmental problems, so Xccent and Dietrich teamed up to provide a steel framing system called SteelDeck. SteelDeck provides load strength and eliminates the most serious problems encountered in treated lumber framing – corrosion reactions, termites, water damage, mold and decay. The fasteners required for the SteelDeck will have (), the name SteelDeck, and the replacement.

Ex: 3/8” x 3” lag bolt & washer (SteelDeck 3/8” x 1.25” carriage bolt, washers, and nut.)

Air Dry

Air Dry is liquid PVC that is used to patch decking panels, railings, and stairs when steel is exposed. Air Dry is used at the manufacturing facility and it should be purchased when installing an Xccent deck. Air Dry also starts to harden over time and hardening will accelerate if it is not covered when not in use.

Basic Equipment and Tools Needed for Installation

- Tape Measure
- Level
- Screw Gun
- Ratchet
- Socket Set
- Wrench Set
- Air Dry
- Drill (SteelDeck)
- Drill Bit – 3/8” (SteelDeck)

Screws and Fasteners

All screws and Fasteners must **Meet or Exceed ICBO 5280 ASTM 1002 ISO 9002 Certification or Standards.**



Section 2 Steel Deck Installation Instructions

Use the installation instructions and Figure 1 for proper installation.

1. Equipment and Supplies
 - a. Tape Measure
 - b. Screw Gun
 - c. Level
 - d. Air Dry
 - e. Wood Screws: #6 - 1 5/8"*
 - f. SteelDeck: #8 - 1 5/8"*
* Meets or Exceeds ICBO 5280 ASTM 1002 ISO 9002 Certification or Standards.

2. Build the frame of the deck to meet all local regulations with 2 ft on center joists. Xccent Decking has been engineered for construction with a one joist system. It is allowable to double the joists but it is not necessary. The frame must be flat and square with house to insure the decking is properly installed.

3. Xccent Steel Decking is a modular product. Decks must be built with 1 ft as increment when the deck panels are running widthwise and 2 ft as an increment when running lengthwise. See top center and left center of figure 1 for explanation.

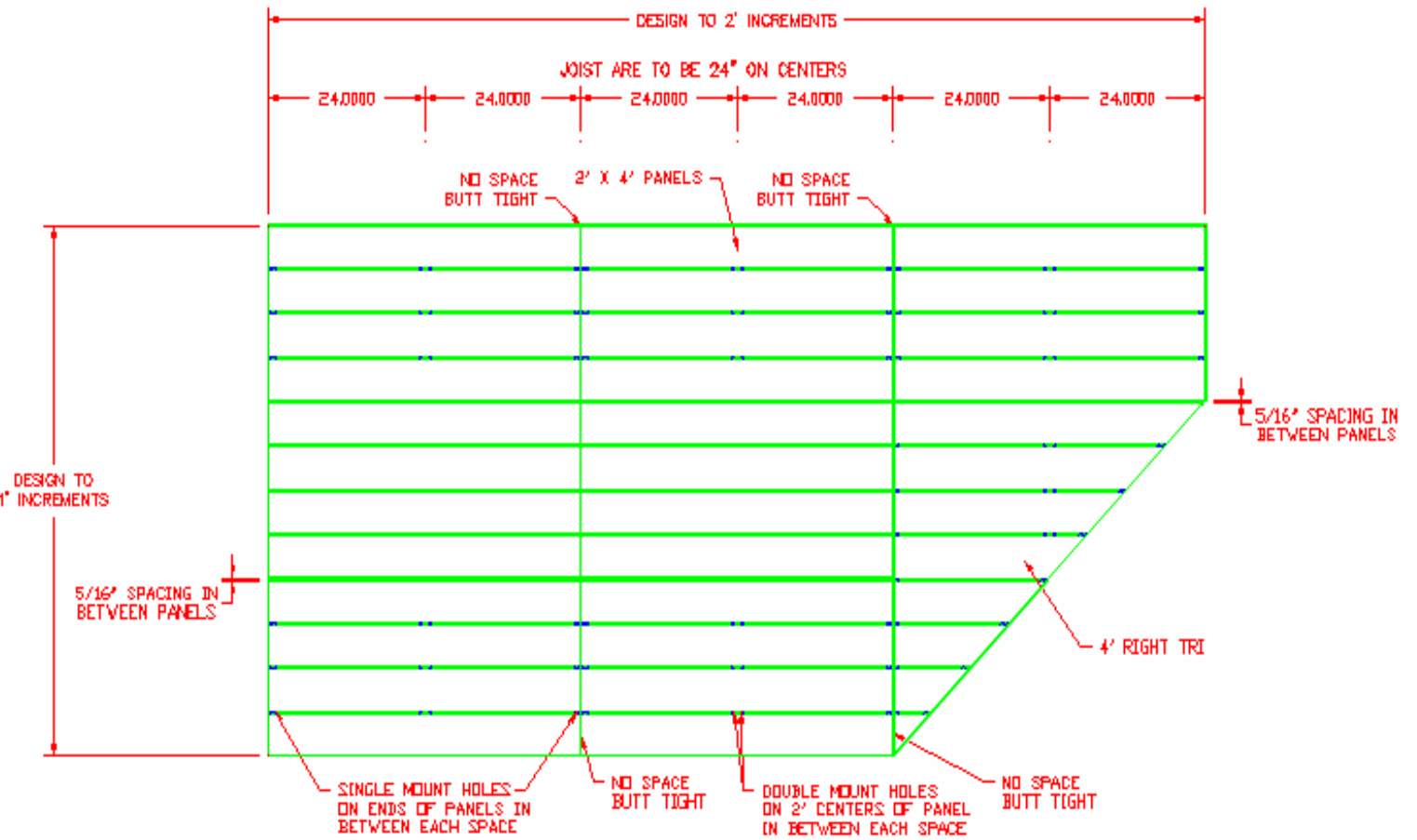
4. A screw hole is located between each plank on the end mounts and two screw holes are located on each inner mounts. The holes are probably covered with PVC, but you may see a small dip in the mounts where the screw hole is located. Screw a screw in each location on the end mounts and at least one in the inner mount/s.

5. Insure the deck screws are tight on all edges so panel does not rock.

6. When placing panels on the frame, have the end mount either to the edge of the frame or butted up to the next panel. When placing panels parallel with one another, space the panels with a 5/16" gap.

7. If there is a vent or small obstruction on the house where the deck would have to be cut. Cut the piece out of the panel before installing, then apply Air Dry to cover the cut steel. Make sure all of the steel is cover with Air Dry to insure no rusting of the product. Air Dry can be purchased from the Xccent.
 - a. Xccent's Warranty is void on each panel that is cut or modified.

Figure 1





Section 3

Xccent Steel Railing System Installation Instructions

Use the following installation instructions and Figure 2 for proper assembly of Xccent railings.

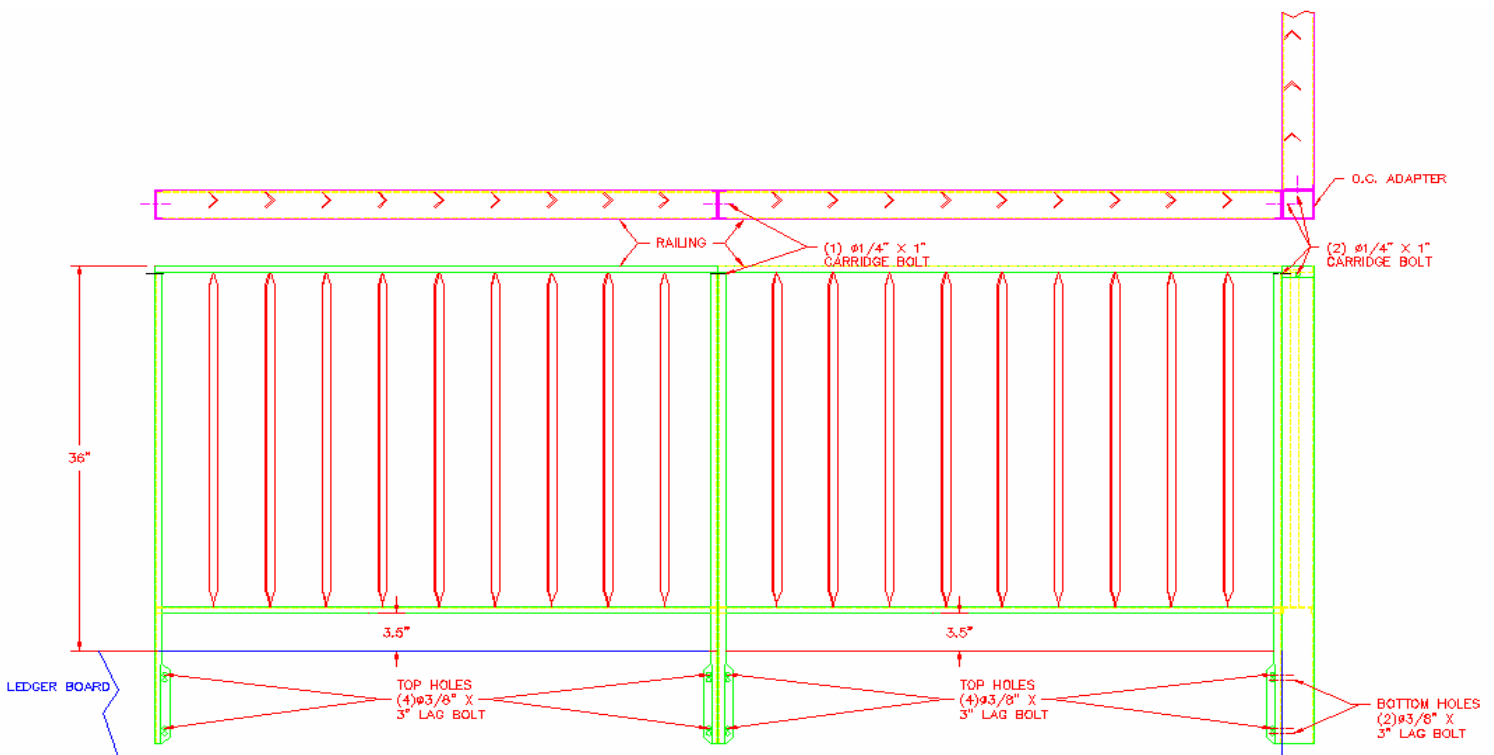
1. Equipment and Supplies:
 - a. Tape Measure
 - b. Ratchet
 - c. Socket Set
 - d. Wrench Set
 - e. Level
 - f. 1/4" x 1" Carriage Bolt*
 - g. 1/4" Washer*
 - h. 1/4" Nut*
 - i. 3/8" Washers*
 - j. Wood deck: 3/8" Lag Bolts 3"*
 - k. SteelDeck: Drill
 - l. SteelDeck: Drill Bit – 3/8"
 - m. SteelDeck: 3/8" x 1.25" Carriage Bolts*
 - n. SteelDeck: 3/8" Nuts*

* Meets or Exceeds ICBO 5280 ASTM 1002 ISO 9002 Certification or Standards.
2. Build the frame of the deck to meet all local regulations.
3. Xccent Railing is a modular product but can be modified for various lengths.
4. **Before attaching the entire railings system together read through all of the steps, the railing have to be in line so that they can be attached to one another.** Xccent Railings is to be positioned at 36" above the deck surface. The railing is to be attached to the wood frame by screwing in four 3/8" x 3" lag bolts with washers, two on either end of the railings posts. (SteelDeck 3/8" x 1.25" carriage bolt, 2 washers, and a nut.) Attach the 2nd railing and future piece the same way. There are four holes in the posts, look to figure 2 for the correct placement of bolts.
5. Xccent Railings also needs to be attached to one another. This is done by using 1/4" x 1" Carriage Bolt with two washers and a nut. On the top inside of the posts you will find a hole that you can guide the bolt with a washer through. Then place another washer over the bolt and attach the nut.

6. When attaching the railings around a corner, look at the bottom right of figure 2 for correct placement of bolts. If a railing is going around a right angle an OC Adapter is used to connect the top rails together. (Upper right corner of figure 2.) If a 45 degree or an octagon railing is put up, then a clip railing is used.
7. If a railing needs to be cut for an odd size, cut the railing back the desired length plus a 1/2". Use air dry on the cut ends to cover all exposed steel. Then place the cut railing into the Cut Railing Adapter. Attach the Cut Railing Adapter the same as you would the other railing posts.

 - a. Xccent's Warranty is void on each panel that is cut or modified.

Figure 2





Section 4

Xccent Steel Stairs and Railing Installation Instructions

Use the following installation instructions for Xccent Stairs and Figure 3 for proper assembly of Xccent Stairs.

1. Equipment and Supplies
 - a. Ratchet
 - b. Socket Set
 - c. Wrench Set
 - d. Level
 - e. 3/8" Washers*
 - f. Wood: 3/8" Lag Bolts*
 - g. SteelDeck: Drill
 - h. SteelDeck: Drill Bit – 3/8"
 - i. SteelDeck: 3/8" 1.25" Carriage Bolt*
 - j. SteelDeck: 3/8" Nut*

* Meets or Exceeds ICBO 5280 ASTM 1002 ISO 9002 Certification or Standards.
2. Build the frame of the deck to meet all local regulations.
3. Install the Stair Bracket level to the decking surface frame. Use four 3/8" x 3" lag bolts with washers on a wood frame. (SteelDeck 3/8" x 1.25" carriage bolt, two washers, and a nut.)

Only One Set of Stair Treads

4. Attach the first set of railings to the first set of stairs at the bottom tread. Use 3/8" x 1.25" carriage bolts, washers, and nuts to attach the railings to the stairs.
5. Lift the railings and treads into place on the stair bracket. Attach the top post railings, stair tread, and stair bracket together with a 3/8" x 1.25" carriage bolt, two washers, and nut. The carriage head should be on the inside of the walking area.

Two Sets of Stair Treads

6. Xccent requires the use of Xccent stair railings when installing two or more sets of stair treads.

7. Attach the first set of railings to the first set of stairs at the bottom tread. Use 3/8" x 1.25" carriage bolts, washers, and nuts to attach the railings to the stairs.
8. Attach the 2nd set of railings to the 2nd set of stair treads with the 3/8" x 1.25" carriage bolts, washers, and nuts.
9. Attach the 1st set of stairs to the 2nd set of stairs with three 3/8" x 1.25" carriage bolts, washers, and nuts. Then attach the railings to one another with 1/4" x 1" carriage bolt, washers, and nut on the inner top side of the railings.
10. **TEAM LIFT** the assembly of stairs and railings on the stair bracket. Attach the top post railings, stair tread, and stair bracket together with a 3/8" x 1.25" carriage bolt, washers, and nut. The carriage head should be on the inside of the walking area.

Three Sets of Stair Treads

11. **IF three or more sets of treads are installed together a support structure is necessary after every two sets of treads.** Follow the instructions above for the two sets of stair treads.

Figure 3

