

Note: All CertainTeed Ceiling Tile & Suspension System products must be stored in a dry environment and not exposed to outside weather conditions.

CertainTeed Ceilings Pre-Installation Instructions

Please read the following Pre-Installation Instructions before you install a CertainTeed Ceilings System.

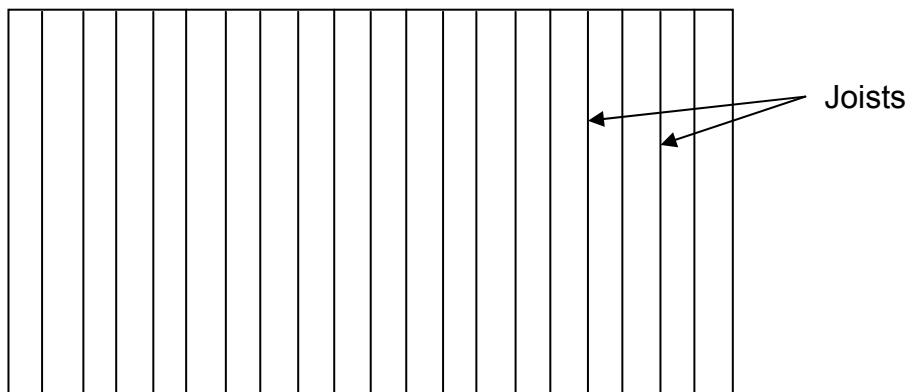
1. Environment

- Make sure that the temperature and humidity are consistent with the limits printed in the manufacturer's product warranty. As a general rule, no CertainTeed Ceiling product should be installed in uncontrolled conditions, in temperatures below 60°F or above 85°F, in non-enclosed rooms, or in areas where the relative humidity is more than 70%.
- The product should be stored in a dry, clean, and controlled area protected from the elements, until it is ready for use.

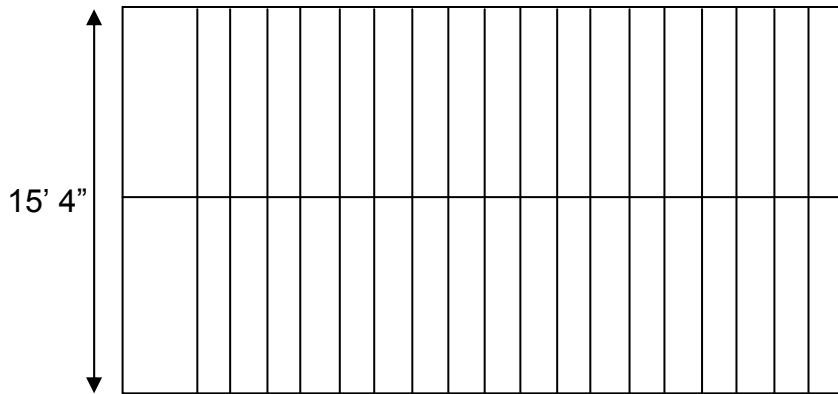
2. Layout room (If you have not been provided with a reflected ceiling plan)

- Main runners should run perpendicular to wood or steel joists, so they can be easily supported.
- When establishing the width of border panels, you should try to avoid panels that are less than half the width of the normal panels.
- Below is an example of a room layout. (15' 4" x 30' 6")

In this example, we will lay out the room for a 2x4 ceiling system



Since the joist run in the 15' 4" direction, the main runners will have to the 30'6" direction.



To figure out how many panels you need across the 15' 4" distance, you must divide 15' 4" by the width of the panel 1.

$$15' 4" \div 2' = 7 \text{ panels and } 16 \text{ inches}$$

Then divide 16 inches by 2 (each border panel's width)

$$16" \div 2 = 8 \text{ inches}$$

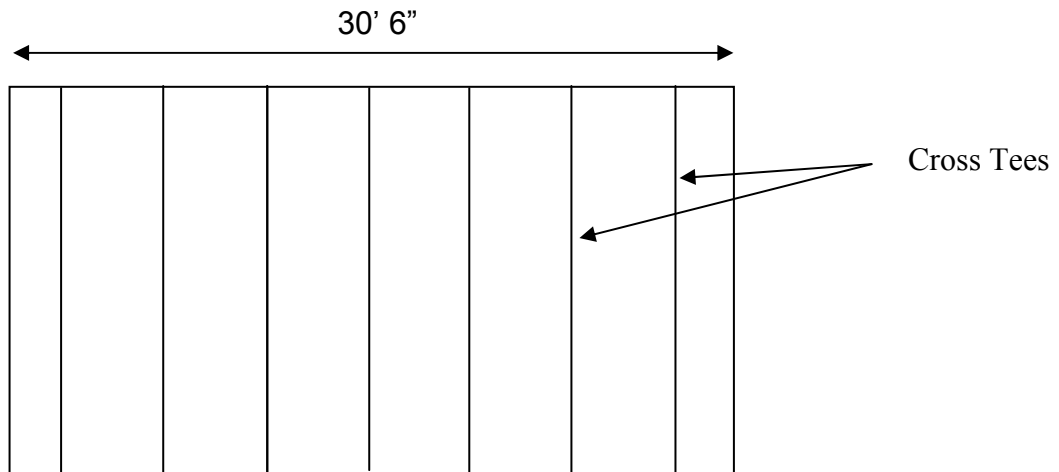
Since 8" is less than one half the 24" width of our panels, add the left over 16 inches to 24 (the width of one panel), then divide that number by 2.

$$16" + 24" = 40" \quad 40" \div 2 = 20"$$

Therefore, the room should be laid out with 6 panels and two 20" border panels.



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To figure out how many panels you need across the 15' 4" distance, you must divide 15' 4" by the width of the panel 1.

$$30' 6" \div 4' = 7 \text{ panels and } 30 \text{ inches}$$

Then divide 30 inches by 2 (each border panel's width)

$$30" \div 2 = 15 \text{ inches}$$

Since 15" is less than one half the 48" width of our panels, add the left over 30 inches to 48 (the width of one panel), then divide that number by 2.

$$30" + 48" = 78" \quad 78" \div 2 = 39"$$

Therefore, the room should be laid out with 6 panels and two 39" border panels.

The finished grid will look like the illustration below:

