

## CertainTeed Ceilings

### Pre-Installation Instructions

Note: Prior to installation, CertainTeed Ceiling Tile & Suspension System products must be stored in a dry and clean area, and protected from possible damage caused by rain, snow and/or excessive moisture.

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

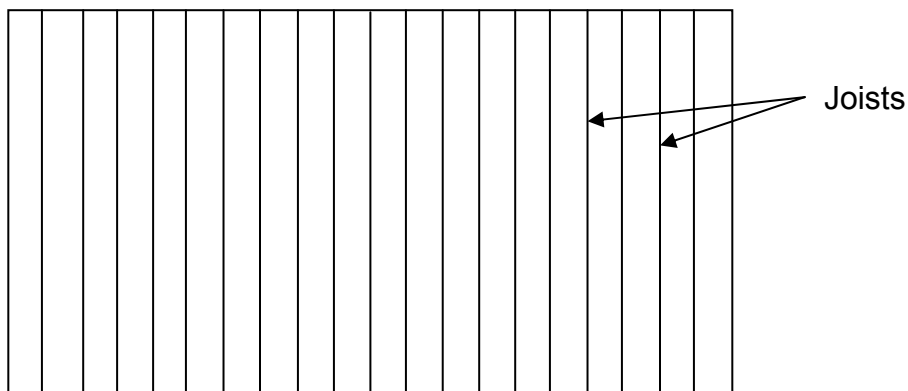
#### 1. Environment

- Make sure that the temperature and humidity are consistent with the limits printed in the CertainTeed Ceilings 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 respective product warranties are available for examination in the CertainTeed Ceilings Product Catalog or on the web at [www.certainteed.com/ceilings](http://www.certainteed.com/ceilings).
- The product should be stored in a dry, clean, and controlled area protected from the elements, until it is ready for use.

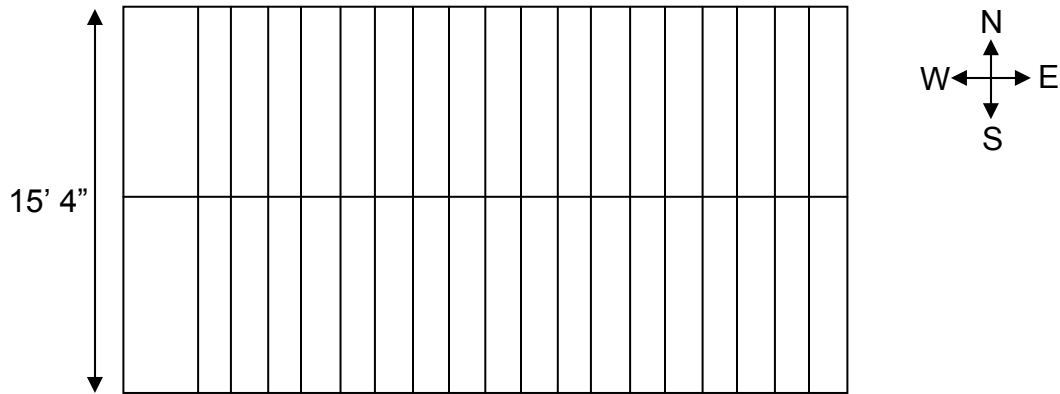
#### 2. Layout room

- Main runners should run perpendicular to wood or steel joists, so they can be easily supported.
- When establishing the width of border panels, 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 “North/South”, the main runners will have to run “East/West”.



To figure out how many panels you need across the “North/South” distance, you must divide 15' 4” by the width of the panel.

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

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

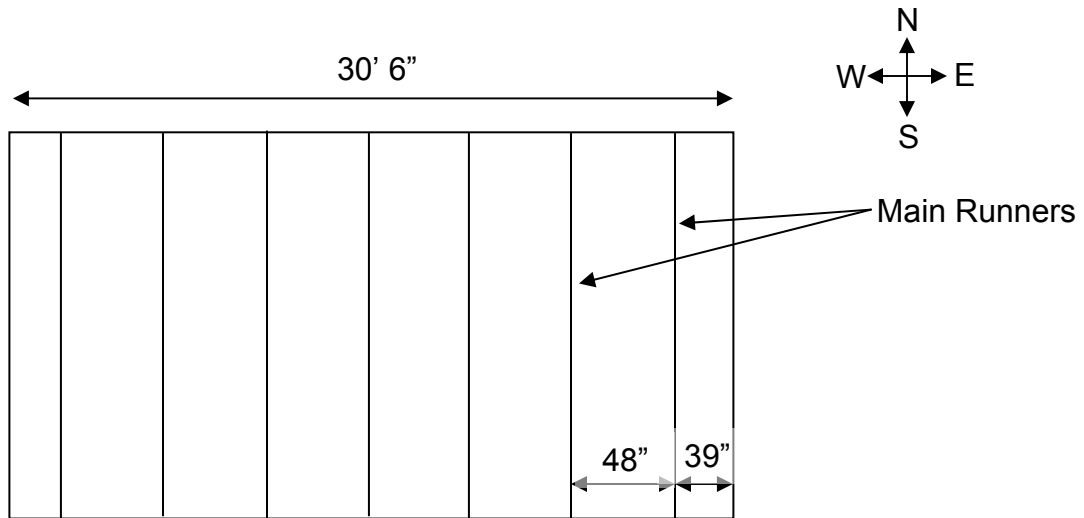
$$16" \div 2 = 8 \text{ inches}$$

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.





To figure out how many panels you need across the "East/West" direction, divide 30' 6" by the width of the panel.

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

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

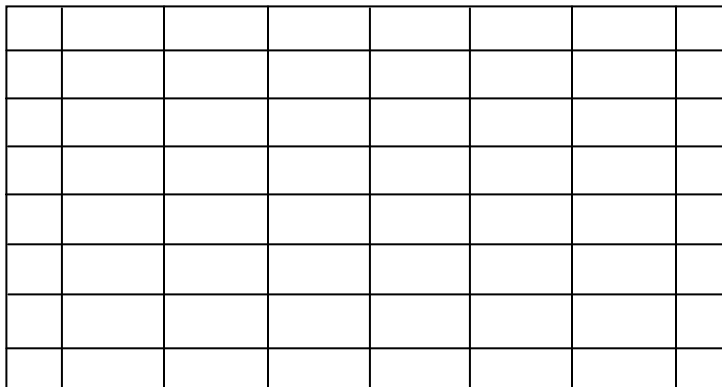
$$30" \div 2 = 15 \text{ inches}$$

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:



## FOR PRODUCT AND INSTALLATION QUESTIONS:

- Call 1-800-233-8990 (Monday-Thursday: 7:30 am-6:30 pm; Friday: 7:30 am-6:00 pm EST); English, Spanish and French speakers available. Or email [ceilingtechnicalservices@certainteed.com](mailto:ceilingtechnicalservices@certainteed.com).

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