

Wood ceiling grilles

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SITE CONDITIONS

Before installing the ceiling grilles, ensure that the area is clean and free of construction dust and debris. Installation should only take place when the ambient temperature is between 10°C and 30°C, and the relative humidity is maintained between 35% and 55%. These temperature and humidity conditions must be upheld not only during installation but also throughout the life of the ceiling.

Since real wood and wood composite products are natural materials, they are sensitive to environmental changes. Wood typically contracts in low humidity and expands in high humidity. As a result of these natural reactions and internal stresses, wood may also warp, twist, or bow over time.

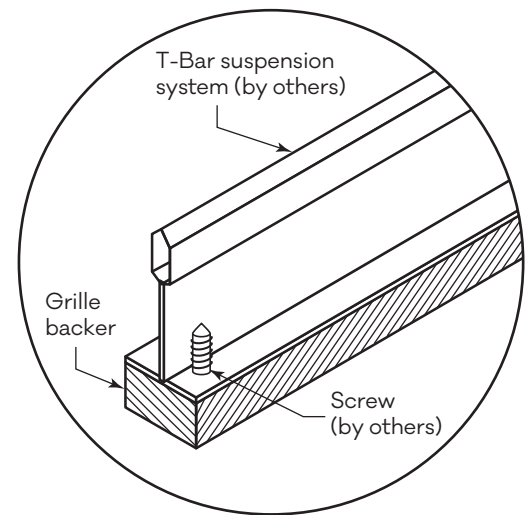
INSTALLATION

There are multiple installation options available; however, the primary method is with a 2' x 2' T-bar suspension system. Regardless of the installation type selected, all ceiling systems must be installed by a qualified professional to ensure proper performance and safety.

2X2 T-BAR SUSPENSION SYSTEM ATTACHMENT METHOD

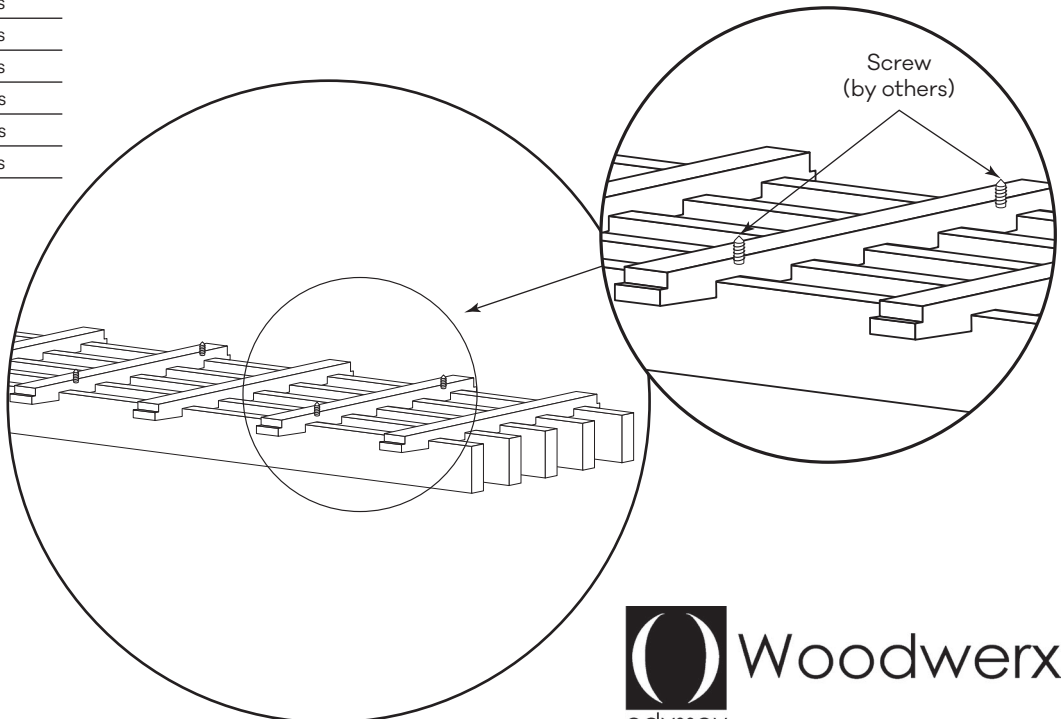
The suspension system shall be selected and installed by a qualified professional to ensure compliance with the specified weight per linear foot and to account for all relevant factors, including seismic zone requirements. Refer to the grid below for weight distribution specifications.

Wood grilles are mounted to the suspension system by fastening them to the rail using screws. Screws should be installed every 24 inches, with 2 screws minimum per backer, for a total of 8 screws per grille. It is recommended to drill pilot holes in the backer prior to installation to prevent splitting and ensure proper alignment.



Weight per grille per LF:

Orientation	Profile	Weight per LF
Horizontal	4 slats 2.25"	3 lbs
Horizontal	3 slats 3"	3 lbs
Vertical	4 slats 2.25"	3 lbs
Vertical	4 slats 3"	4 lbs
Vertical	5 slats 2.25"	4 lbs
Vertical	5 slats 3"	5 lbs



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Woodwerx