SOUND QUALITY
BY SOUND SEAL

EchoWool™
LAY-IN CEILING TILE INSTALLATION

RECEIVING

Prior to unpacking, check package for any obvious shipping damage. If no evidence of damage is present, move package to a dry/controlled area and inspect it for dents, breakage, or any lesser-noticeable damage that may affect enclosed panels. If damage has been identified, record it/photograph it, and open to inspect for concealed damage. If damage was transferred to the product, document/photograph the issues.

INSTALLATION

Good tools are needed to install panels. Care needs to be taken when cutting and fitting around windows, light switches and other penetrations. To achieve this, the following tools are recommended:

- Table Saw
- Miter Saw
- Jig Saw
- Hole Saw

Blades and bits must be sharpened, fine-tooth carbide. Jigsaw blades must be fine tooth.

The panels must be cut face up, when cutting on the table saw and miter box. When cutting with an jig saw care should be taken. All panels must be handled as fine furniture would be. Padded material should be used to avoid scratching or marring the face of the panels.

Penetrations in product (i.e. sprinklers, lighting, light switches, and outlets) should be cut with a jig saw using a sharp blade and bit or a sharp hole saw (reference details). Test cuts should be made on scrap panels to determine the proper tool speeds for cutting.

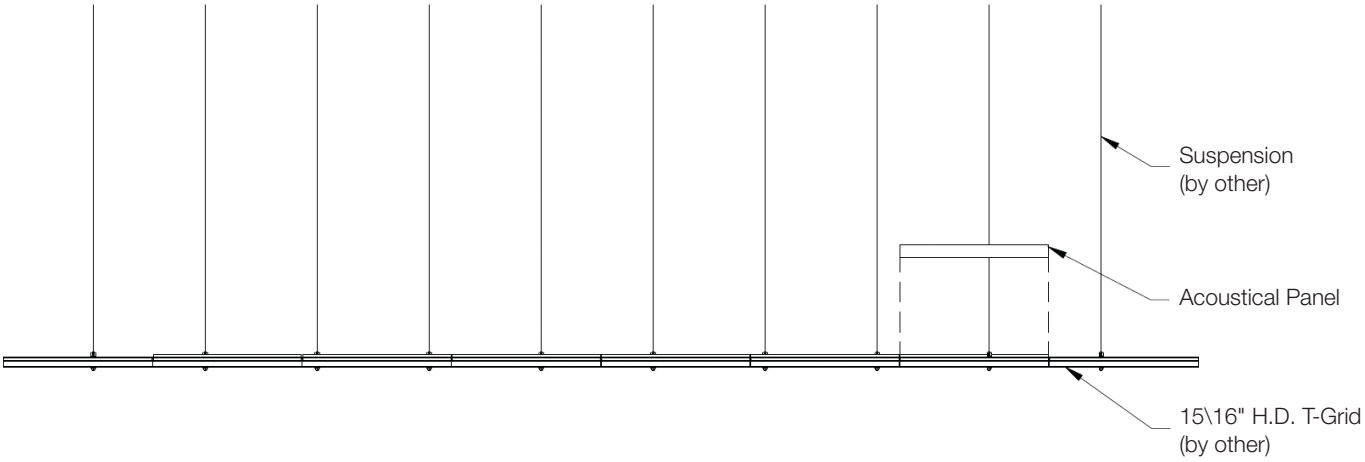
Sound Seal recommends painting the walls or ceilings black at the perimeter to help conceal the expansion joints at the edges of the wall or ceiling system.

CEILING INSTALLATION

EchoWool Panels are designed to be installed on 15/16" heavy duty T-grid. T-grid mains and cross tees shall conform to heavy duty classification ASTM C635. Install main tees 24" O.C. and not more than 4" from each parallel wall with #12 pre-straightened galvanized steel wire not more than 4' O.C., wrapped tightly at least three full turns. Cross tees shall be installed 2' or 4' O.C. Always refer to the T-grid manufacturer's installation instructions. Hanger wire and cross tees are to be installed according to local codes and seismic requirements. If grid system is existing, use a variable placement of cross tees 4" from each parallel wall to form a 2' module. Install extra hanger wires at lights or as required to support the metal panel system (reference standard details). Check with the grid system manufacturer for proper O.C. hanger spacing, if in doubt.

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Once grid is laid out as specified, panels may be placed in grid such that the edges sit on the T-grid flanges, with the panel face sitting at or below the grid plane (reference standard details). Panels have a front face and may have a “grain”, so make sure all panels are properly oriented. Grain may be indicated by an arrow, depending on the product. When field cutting panels along the perimeter, support the field cut edge with wall angle fastened below the T-grid plane (reference standard details).

SPECIAL HANDLING INSTRUCTIONS

When handling product, care must be taken to not damage face of the panel. Handle all edges with care. To avoid damage, do not twist or bow the panels during installation.

