



INSTALLATION GUIDELINES

FOR TerrAcoustics™ WOOD WALL PANELS

1. General Instructions

1.1. Product: Material and Finishes

TerrAcoustics™ panels consist of a natural wood veneer face laminated to an MDF board with black SoundTex acoustic felt adhered to the back of the panels.

The panels are available in 18 mm thickness. The standard panel sizes vary depending on the panel style and model. Refer to the “Panel Style and Dimensions” document for details.

TerrAcoustics™ panels are available in a large variety of natural wood veneer species and also in melamine and paint finishes.

1.2. Delivery, Storage and Handling

The panels shall be delivered to the project site in original, unopened packages. The wood veneer panels shall be handled with care to prevent any chipping, scratching, scuffing or denting. Store panels flat and level, off the ground and on dry pallets in the room in which they will be installed at least 72 hours before installation takes place.

It is important that the panels are protected from humid conditions and extreme temperatures at all times during storage and installation. The room humidity needs to be maintained between 25% and 55% and the temperatures between 50°F and 86°F. These humidity and temperature conditions need to be maintained during the installation and throughout the life time of the wood panels.

1.3. Project Site Conditions

Installation shall be done only when all wet work has been completed and dried. Prior to the start of the installation, all exterior windows and doors are to be in place, glazed, and weather-stripped. Mechanical, electrical and other utility service installations shall be completed.

For the project site humidity and temperature conditions refer to section 1.2. Delivery, Storage and Handling instructions.

The HVAC systems shall be functioning continuously before, during and after installation. It is important for the rooms to have proper ventilation, especially in high moisture areas. In order for the panels not to expand, contract, warp, twist or bow there shall be no humidity build up or extreme temperature fluctuations in the installation areas.

1.4. Panel Sorting and Inspection

Prior to installation, we recommend that the panels are inspected for scratches, dents or any other type of damage. Also, be advised that because of the natural variations in the wood veneer grain and color, the panels need to be sorted and arranged to create a consistent and coordinated look.

2. Wall Panel Installation

2.1. The wall installation of the TerrAcoustics™ panels can be accomplished by using Z clips (bars) that attach to wood furring strips or a wall directly. Depending on the specified orientation of the panels (either vertical or horizontal), the furring strips shall be installed perpendicular to the panel.

2.2. Check walls on which the panels are to be installed to make sure they are level and straight. This will determine how much shimming will be required for the wooden furring strips to be plum and level.

2.3. Prepare layout on the wall to determine where the wood furring strips are going to be located and if there are any cut-outs and/or rips that are required on the panels. The dimension of the furring strips shall be consistent with the arrangement of the acoustic panels.

2.4.

The spacing between the furring strips is required to be no more than 24" inches on center. A furring strip needs to be installed at the end of each panel in order for both tongue and groove panels to rest on the same furring strip when they butt together.

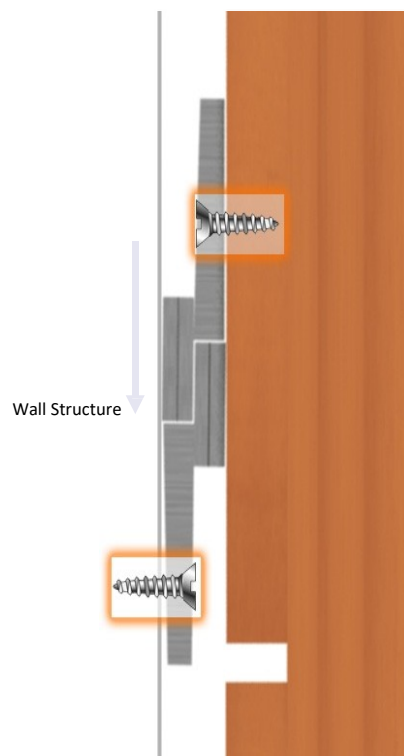


Figure 1 Z Clip Installation

2.5. Depending on the project's acoustic requirements, insulation may be inserted between the furring strips. Insulation is to be attached to the wall with appropriate fasteners or adhesives as needed.

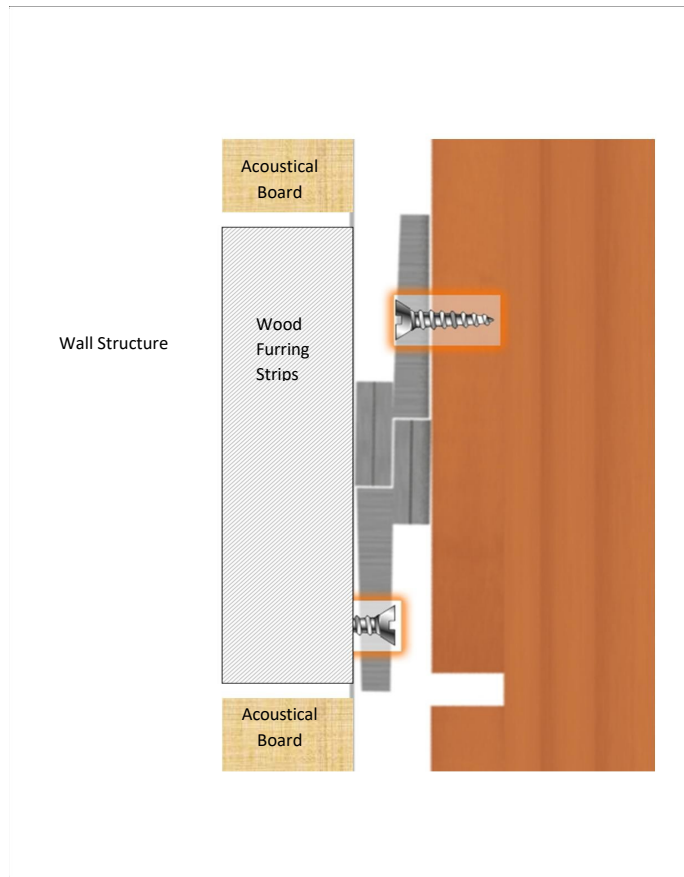


Figure 2 Murano Acoustic Installation

2.6 Once the furring strips and acoustical infill is secured to the wall, place the Z clips where needed to the TerrAcoustics™ panel, matching the same on the wood furring strips. The first TerrAcoustics™ panel to be installed at the bottom (horizontal Installation) or work left to right for Vertical installation of the TerrAcoustics™ panels.

3. Cleaning and Protection

Upon completion of the TerrAcoustics™ panel installation, remove dust from surface, grooves and penetrations by vacuuming using only a soft brush. DO NOT scratch wood surface with sharp metal or plastic vacuum attachments. Remove pencil marks with soft eraser. Remove general surface dirt, dust, grease, oils or fingerprints with a soft damp warm cloth with a mild diluted cleaning agent. Wipe dry with a soft dry cloth. Do not use cleaners with grit or cloths that could scratch the wood surface.

Contractor shall protect completed installation of the TerrAcoustics™ panels from damage by other trades.

4. Disclaimer

TerrAcoustics™ shall provide only the acoustical panels for the contractor and/or the installation company. The above Installation Guidelines document contains our recommendations for the TerrAcoustics™ panel installation. Depending on the requirements of the project and/or the preferences of the installation company other suitable installation methods can be utilized.