

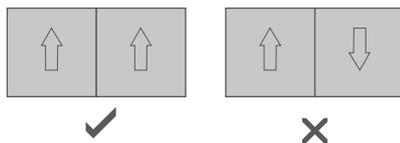
OPTRA ACOUSTICAL WALL PANELS

Installation instruction for non-framing systems

1. INSTALLING OPTRA ACOUSTICAL WALL PANELS

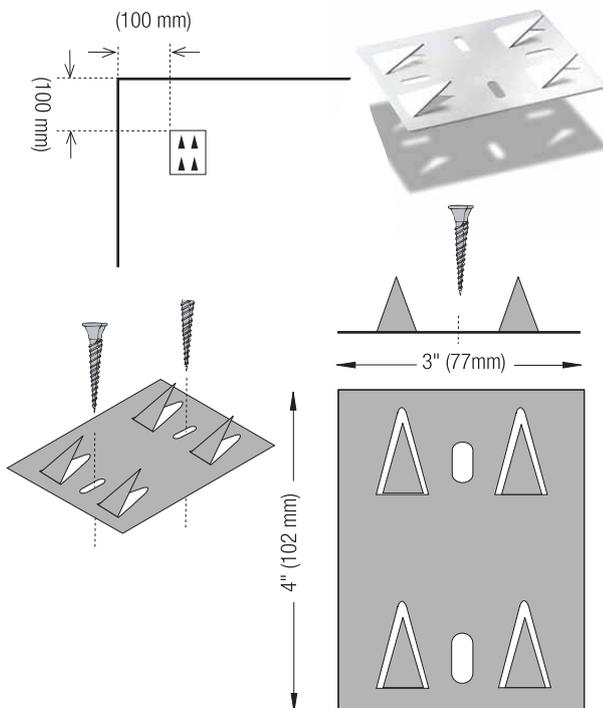
OPTRA Acoustical Wall Panel absorber are attached to an existing wall by means of an internal impaler hook. The base wall can be of typical drywall or plaster. First apply a polyethylene film to the wall as an airflow and vapor barrier. If the wall surface is irregular, apply horizontal furring strips at 300mm centers to ensure the flatness of the installation surface. Install the panels with arrows at the back of the panel pointed in the same direction.

Method of Installation



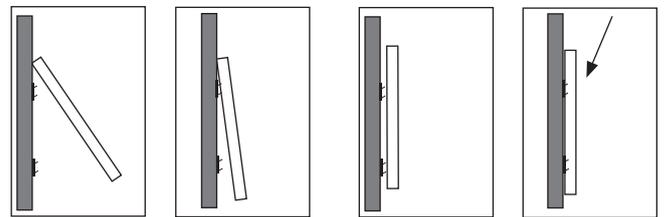
2. IMPALER LOCATION ON PANEL

For precise alignment between wall panels, flush mount impaler clips are recommended to be located approximately 100mm from the panel edges.



3. WALL MOUNTING

Place top edge on set line. Carefully swing bottom edge to meet impaler heads. With the panel resting on the impaler darts, apply inwards and downward pressure.



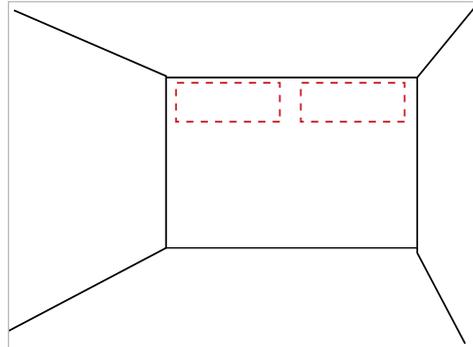
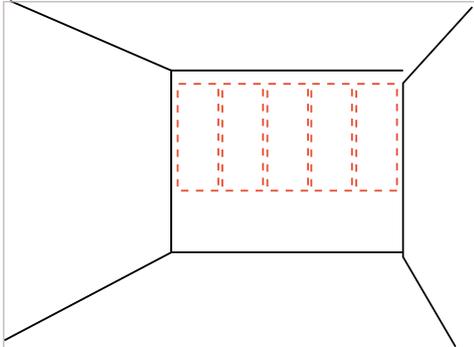
4. SECONDARY MOUNTING – ADHESIVE

The fixing for OPTRA Acoustical Wall panel can also be support by using superior quality construction adhesive on top of mechanical mount method as follows:

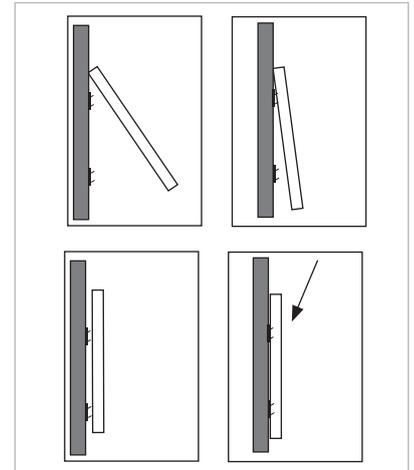
1. Sand the wall surface to remove surface imperfection/loose particles to enable greater bonding of the adhesive.
2. Clean the wall to remove the dust. Apply a coat of primer and allow to dry.
3. Mark the location of each panel on the wall
4. Apply silicon chalk or a similar adhesive/sealant using a gun-dispenser on the back of the panel and the wall.
5. Position the impaler hook in accordance to panel size.
6. Carefully align the wall panels against the marked locations on the wall to lodge the impaler mounting and press the panel against the wall till it is fixed tightly. Remove excess adhesive once the panel bonded to requirement.

Portrait Installation

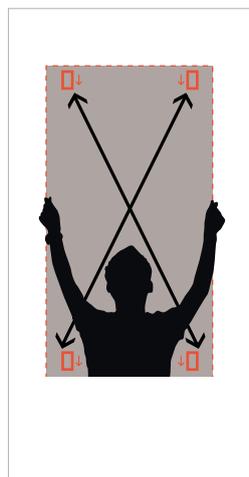
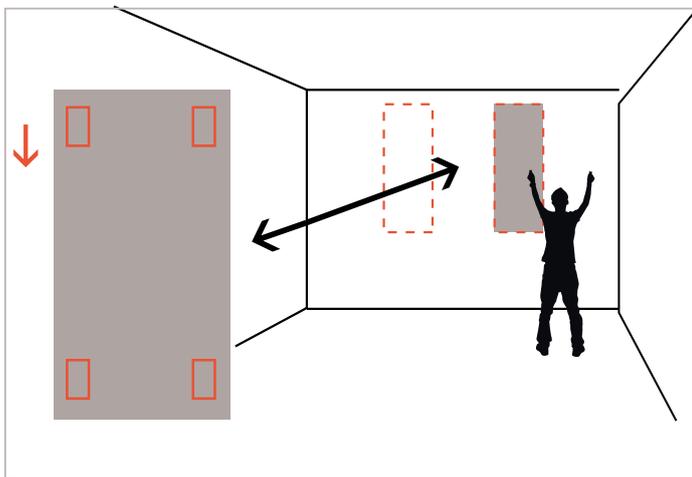
Landscape Installation



Establish the template on wall based on panel size & installation type.



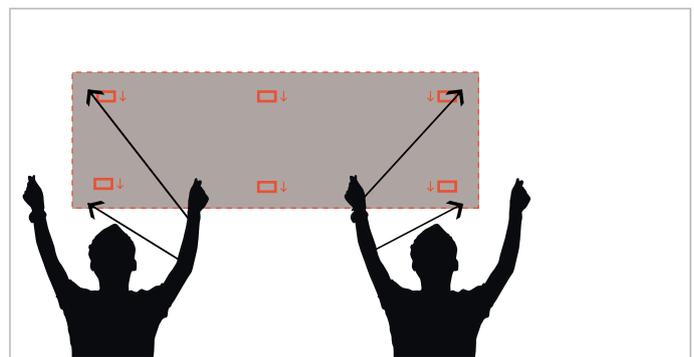
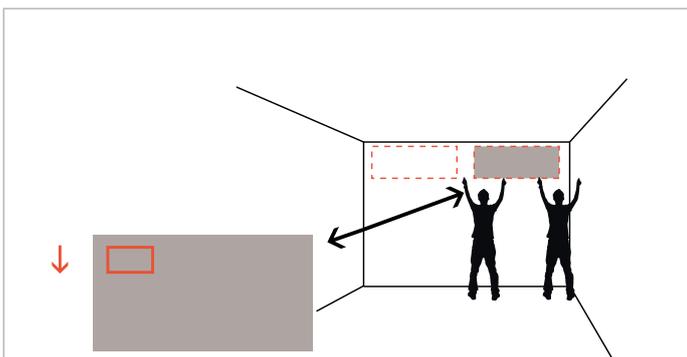
Directional Installation



Standard Portrait Installation

1. Horizontal distance between impaler hook shall not exceed 1250mm.
2. After determining the fixing position for impaler hook, carefully swing bottom edge to meet impaler heads, with the panel resting on the impaler darts, apply inwards and downward pressure.
3. Hold the panel against the wall and adjust into final position.
4. If applicable, secondary mounting can be used to hold the panel edge in place.

!Precautionary



For Landscape or long panel width Installation

1. Vertical distance between impaler hook shall not exceed 600mm.
2. Recommended to be handled by two or more installer for handling ease and finishing precision.

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