

## PSI Acoustic Panels

### Cutting and Installation Instructions

- CUTTING AND FABRICATING PANELS ON SITE

Any of the panels can be cut or adjusted on site. This allows for site adjustments or adaptations to obstacles (such as fire alarm boxes or electrical boxes.) When cutting or drilling, make sure to use sharpened tools to avoid any overheating of the material. A utility knife with a new blade can also be used.

- The texture of the panels is similar to MDF. A panel may be cut with:
  - Hand saw
    - Use a fine-toothed blade. Hold the blade at a low angle. Cut slowly with regular and even strokes.
  - Table saw or Circular saw
    - Allow the panel to pass through the saw with even pressure. Do not force the panel at any time. Use a fine-toothed blade with 80 teeth or more. Carbide tipped blades are recommended for extensive cutting or if many panels are to be cut consecutively.
  - Jig saw
    - If adjustable, use a slower speed and steady movement. Select a fine-toothed blade suited for finish woods and plastics and use a template for cutouts. Be aware to not overheat an area with any blade.
- Do not attempt to use routers or spiral cutters. Laser tools are also not recommended.
- Best results will be achieved by using only very sharp tools and blades, ensuring clean cutting while not overheating the material during the cut.
- Carefully clamp all panels to avoid vibration during cutting. Vibration during cutting or fabrication may result in panel damage. Properly support the panel at all times.
- Carefully measure all walls to be confident that you can transfer those measurements onto the panels prior to cutting. Scribe to fit as necessary. Use a pencil to mark the panel. If you must mark the face side, use blue tape before marking it. Pencil marks will not erase from the acoustic panels
- PSI Acoustic panels can be drilled. Carbide tipped steel drills are recommended to obtain a high grade finish on the sides of every hole. Better results will be obtained with slow to medium drill speeds.

- **INSTALLATION**

PSI Acoustic Panels are designed to be installed with the full range of divider moldings and trim sets in PSI's Wall Panels Systems Product line. The panels are sized to fit in the interior of an elevation with the appropriate kerfed panel edges that engage in the divider moldings. Perimeter panels may need to be cut to fit into the edge trims.

When handling panels, be sure your hands are clean and free of any contaminants or oils. Cotton gloves are recommended. Keep dust, dirt and liquids away from all edges and faces at all times.

You will note that each panel has a sticker on the panel face which will face the room, not the wall. Please keep this consistent throughout out the installation.

Neutral cure silicone or Liquid Nails LN 710 adhesive with a ¼" bead should be applied in an S pattern to the back of the panel to adhere to the subwall. **DO NOT USE SOLVENT BASED ADHESIVES**