

DIY Sound Panels



Materials Needed

- Roxul Acoustical Fire Batts, Mineral Wool, 2-inch ([link](#))
- Fire-Rated Acoustical Fabric ([link](#))
- 1" x 2" x 8' Wood Furring Strips
- 4' x 8' x .196" Hardwood Sanded Plywood
- Picture Hangers (self-leveling or d-ring)
- 5/16" Staples
- #8 x 1.625" Screws
- Steel Wire Nails
- Wood Glue

Tools Needed

- Drill/Driver
- Electric Staple Gun
- Saw
- Scissors
- Hammer
- Utility Knife

Assembly Instructions

1. Have Lowe's cut the plywood to the size you want. They charge a small fee, but it is worth it. For example, we made 2' x 2' panels, so each 4' x 8' plywood was cut into 8 squares.
2. Make a frame for each panel using furring strips, wood screws, and wood glue. Attach the plywood backing with nails.
3. Cut the mineral wool insulation with utility knife so that it fits inside the wood frame.
4. Cut the burlap fabric so that you have enough to cover the insulation and pull it around to staple to the back of the frame.
5. When stapling the fabric to the frame, start by putting one staple in the middle of each side. Then, continue stapling while pulling the fabric so that it is snug, but not too tight.
6. Attach the picture hanger to the back of the frame and mount on the wall.

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