Reef Mural Frame

Suggested construction of mounting boards for completed mural

Equipment List

- 3 pieces of 4’ x 8’ x ¾” foam insulation board with tongue and groove edges.
- 72 feet of 1” x 2” wood to frame back of foam boards
- 4 tubes of Liquid Nails to attach wooden frames to foam boards
- 1 box of 3” screws to construct wooden frames
- 1 permanent black marker

Procedure:

1. Cut foam insulation boards down to 6’ x 4’ feet.
2. Cut wood to frame out the back of each insulation board along the edges, plus two cross pieces for additional support. (see diagram below)
3. Screw frames together.
4. Attach frames to the backs of the insulation boards using Liquid Nails. Let stand overnight to dry.
5. Mount boards on the wall so that the tongue and groove sides mesh together.
6. Draw 8” x 8” grid pattern across all three boards using a permanent marker. Number the grid squares from left to right starting in the top left corner and finishing in the bottom right corner (162 squares total).

![Numbered mural frame mounted on the wall. This one was a slightly smaller size with only 144 squares.](http://flowergarden.noaa.gov)
Styrofoam
Residential Sheathing Insulation
Purchase in 8x4ft sheets
Cut to 6x4ft

Use liquid nails to attach wooden frame onto back of foam board

Wooden frame layout for the back of the foam insulation boards.