

## DesignWall® INTERIOR PANELS



### Product Description

DesignWall® is an elegant, prefinished interior paneling, composed of Guilford of Maine FR701® fabric laminated to 1/2" structural Homasote recycled fiberboard. Fabric continues around long edges to back of panel. DesignWall is available in designer colors -Quartz, Blue Neutral and Grey Mix.

#### Sizes (nominal)

Thickness	Width	Length**	Weight
1/2"	4'	8'	1.5 lbs/sq.ft.

\*\*Also available in lengths of 10'  
Flame Spread -Class I (or A)

### Storage and Protection

***Panels should be kept in original packages, stored in a dry place indoors or on a raised platform protected from weather damage.***

### Architectural Specification

All \_\_\_\_\_ as shown on drawings shall be Homasote DesignWall panels in the color \_\_\_\_\_ as manufactured by the Homasote Company, West Trenton, NJ and installed in accordance with current Homasote Instructions. Contact Homasote Company for detailed installation instructions.

### Applications Instructions

#### A. General Requirements:

Temperature and humidity conditions closely approximating those which will exist when building is occupied shall be maintained before, during and after the application of DesignWall panels.

**Installation shall not be made when building is excessively cold, hot, and/or damp.**

All DesignWall panels shall be removed from protective packaging not less than 24 hours prior

to application and placed singly and vertically around walls exposed to environmental temperature and humidity conditions. Panels must then be placed flat on the floor stacking them on top of each other, back to back and fabric to fabric for a minimum of 6 hours and then installation can begin.

During installation, DesignWall panels must be applied leaving 1/8" expansion space between adjoining panels. Allow 1/4" spacing at floor, ceiling, and around window and door frames, etc.

Panels should be applied vertically and panel edges must be supported at all times. Panel edges must be attached with metal framing clips and properly glued using an APA approved adhesive. Screws for the clips must be flat or trimmed headed finish screws. then need to be flush with the metal clips. As with any fabric panel care should be taken in handling panels with clean hands.

### Panel Maintenance

To prevent overall soiling, frequent vacuuming or light brushing to remove dust and grime is recommended. Oil or grease type spots will respond to mild solvent or dry cleaning agents. The blotting technique, without rubbing, should be sufficient to remove most spots. For general dirt or grime spots, sponging with the foam from a mild detergent or upholstery shampoo should remove the accumulated dirt or grime spot. Room temperature solution should be sufficient. Rinse well with a clean sponge to remove traces of the water base-cleaning agent. The fabric will dry very quickly. Avoid excessive brushing or rubbing during cleaning practices to prevent fuzzing of the fabric surface.

### Availability

Homasote building products are available throughout the United States and Canada from local building material dealers. Dealers should have samples and literature describing all Homasote products. If not, contact the Homasote Company.

## B. Installation to Wood Frame Walls:

Panels may be installed to wood framing using either method listed below:

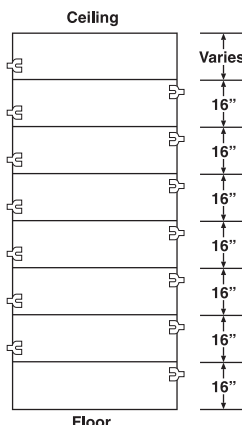
1. Framing must not exceed 16" o.c.
2. Attach metal frame clips to long edges of panel every 12" o.c. The clips must be staggered 12" to 14" along the long edges of the panels.
3. Apply a 3/8" bead of sub floor adhesive meeting APA AFG-O1 specification to intermediate studs in accordance with the adhesive manufacturer's recommendations.
4. Apply wall panels to adhesive and framing, applying hand pressure from the center of panel out to the ceiling and floor where adhesive is located to insure positive contact, and screw panels 6" o.c. to plates or blocking at floor and ceiling. Screws should be of sufficient length to penetrate 3/4" into framing. Hold screws 3/8" back from edge of panels. Screw clips to framing and brace panels for a minimum of 24 hours for adhesive to set.

### Method #2

1. Framing must not exceed 16" o.c.
2. Apply a 3/8" bead of APA approved paneling adhesive to studs in accordance with the adhesive manufacturer's recommendations. (A double bead of adhesive is necessary on studs where adjoining panels fall).
3. Apply DesignWall panels to adhesive and framing, applying hand pressure where adhesive is located to insure positive contact, and nail 12" o.c. along edges and 24" o.c. along all intermediate framing.
4. If adhesive is omitted, nail panels 6" o.c. along all edges and 12" o.c. along intermediate framing.
5. Finish head drywall screws may be used in the center of the panels to insure contact. Fabric can be pulled over screw heads.

## C: Installation to Metal Frame Walls

1. Framing must not exceed 16" o.c.
2. Attach metal frame clips to long edges of panel every 12" o.c. The clips must be staggered 12" to 14" along the long edges of the panels.
3. Apply a 3/8" bead of sub floor adhesive meeting APA AFG-O1 specification to intermediate studs in accordance with the adhesive manufacturer's recommendations.
4. Apply wall panels to adhesive and framing, applying hand pressure from the center of panel out to the ceiling and



floor where adhesive is located to insure positive contact, and screw panels 6" o.c. to plates or blocking at floor and ceiling. Screws should be of sufficient length to penetrate 3/4" into framing. Hold screws 3/8" back from edge of panels. Screw clips to framing and brace panels for a minimum of 24 hours for adhesive to set.

5. Finish head drywall screws may be used in the center of the panels to insure contact. Fabric can be pulled over screw heads.

## D. Installation to Concrete/Masonry Walls

1. Install wood furring strips, not exceeding 16" o.c.
2. Apply DesignWall panels following "Installation to Wood Frame Walls"

## E. Installation to Finished Walls:

Apply wall panels following "Installation to Wood Frame Walls," putting adhesive to back of wall panels instead of on wood framing in 3/8" beads 16" o.c. and at perimeter, holding adhesive back 3/4" from edge. Panels must be aligned such that panel edges would fall on framing behind finished wall. Panels must be fastened to framing behind finished wall.

## Cutting Panels

Cuts can be easily made by either hand or power sawing. Always use a medium to fine tooth saw whether hand or power. If cutting with a hand saw, cut from finished side of panel; if using a portable power saw, rotary or saber, cut from back of panel. Small cuts (electric boxes, etc.) can be readily made with several passes of a sharp utility knife.

## To Produce a Finished Edge

1. Using a utility knife, break the DesignWall seal on the back of the panel and pull the fabric back past the point where the new cut is to be made.
2. Mark the substrate to the desired new dimension and cut the substrate on this new line.
3. Cut the fabric beyond approximately 2" beyond the new edge to allow material for a new edge wrap.
4. Apply white glue, or other quality wood glue, to the surface edge and back surface of the substrate. Pull the fabric tightly around edge and smooth the surface. Staple fabric to the back of substrate to maintain pressure while the glue sets.

To make sure you have the most current installation instructions visit <http://www.Homasote.com/installation> to see if newer instructions are online. If online is newer, print out and use the Internet version. These instructions were printed July 21, 2008.