

Envirowall Pre-Finished Gypsum Panels

DESCRIPTION

Envirowall pre-finished gypsum panels are available in 34 colours/patterns from our stock program. Envirowall also offers lamination of custom finishes allowing the design community a wide range of choices.

USES

Envirowall pre-decorated gypsum panels are typically used in demountable partition systems. Panels are installed directly to either steel or wood stud construction. They can also be used as a finish layer over drywall construction.

ADVANTAGES

Installation Time: Envirowall panels require approximately 1/3 the time of conventional drywall.

Cleanliness: Since Envirowall panels are pre-finished, there is no need for taping, sanding, priming, painting and/or wallcovering. The dust and debris typically associated with conventional drywall construction is virtually eliminated.

Re-usable: Envirowall panels used in a demountable system are re-usable. Panels can be disassembled intact and re-used in retrofit construction. Typical drywall construction cannot be re-used sending demolished partitions to landfill.

Maintenance: Envirowall pre-finished panels are very abrasion resistant and require less maintenance than painted walls after installation. Painted walls require frequent touch-ups and/or re-painting resulting in increased disruption and V.O.C. emissions to the occupied space.

LIMITATIONS

Envirowall pre-decorated panels should not be used in areas where surface temperatures will exceed 52°C. Panels are not suitable for use in areas of continuous high humidity or excessive moisture such as showers or swimming pool areas.

When Envirowall panels abut concrete floors and/or ceilings, panels should be cut to allow a minimum 1/8" clearance between panel and floor/ceiling to prevent potential moisture wicking.

The compatibility of ingredients in wallcoverings varies from batch to batch and jobsite conditions such as light reflection and light source may cause minor variations in colour and texture in Envirowall pre-finished panels. This condition is common to the wallcovering industry and is well known to architects and interior designers. Care should be taken during application to ensure panels are colour matched to minimize variations on walls.

CLEANING

To remove most common dirt and marks, simply rub lightly with a moistened cloth or sponge using a mild soap, detergent or non-abrasive cleaner. Rinse with water and dry. The use of strong organic solvent cleaners or steel wool is **not** recommended. If the suitability of a cleaning material is unknown, check how it affects the panel surface in a hidden area or on a scrap piece before attempting to remove a stain on a wall in an exposed area.

PAINTING

Envirowall pre-finished gypsum panels are factory-finished decorative products that do not require painting. However, if desired, panels can be painted with the following products:

1. Two coats of alkyd or latex semi-gloss enamel.
2. Oil primer with finish coat of oil paint or flat latex.
3. Two coats of flat oil paint.

PATCHING

Scraps of Envirowall pre-finished panels should be saved in case patching damaged areas is required. To patch small rips or tears, remove the pre-finished laminate from a scrap. Place the patch over the damaged area and using a razor blade or sharp knife, make straight cuts through both layers of laminate (commonly called double cutting). The damaged laminate underneath is then removed and the patch cemented in place with a good quality vinyl to vinyl adhesive.

ACCESSORIES

Aluminum door frames, trim and components for use with pre-decorated panels to complete the Envirowall demountable system.

Fabric backed wallcovering is available in most Envirowall patterns/colours for field application to regular drywall construction surfaces.

Vinyl wrapped wood trims to complement panels when used in modular construction.

TECHNICAL DATA

Surface Burning Characteristics as tested in accordance with the standard CAN/ULC S102.

Flame Spread 20
Smoke Developed 40

Sizes:

Thickness: ½" (12.7 mm)
Width: 4' (1219 mm)
Lengths: 8', 9', 10' and 12'
 (2438, 2743, 3048 & 3658 mm)

INSTALLATION

APPLICABLE STANDARDS AND REFERENCES

- GYPSUM ASSOCIATION BROCHURE GA-224-08
"INSTALLATION OF PRE-DECORATED GYPSUM BOARD"
- ENVIROWALL APPLICATION INSTRUCTIONS

Several methods of installation may be used to install Envirowall Pre-Finished Panels. Normally ceilings are installed prior to erection of Envirowall pre-finished gypsum panels. Panels are installed in a vertical fashion.

Edge Clip: The used of edge clips provides mechanical attachment on steel or wood studs. Clips are tapped into the board edges and attached directly to studs. As each panel is installed, the clips become hidden by the panel edges. Intermediate studs should received a "walnut sized" daub of standard drywall adhesive to secure panel centres.

Nailing: Envirowall panels can be attached to wood studs with 1 3/8" coloured nails. Over existing walls, use a minimum of 1 7/8" nail. Space 12" o.c. and use a plastic or padded hammer.

Adhesive Nail On: To avoid visible fasteners on exposed surfaces, panels may be applied with adhesive. Pre-bow panels overnight (panel surface concave). Apply adhesive to metal or wood studs in a continuous ¼" bead. Where panel edges abut, apply two parallel beads. Press the panel in place and nail and screw at corners only.

CAUTION

Some solvent based adhesives can cause delamination of finished panel surfaces. Check adhesive manufacturers' recommendations prior to use.