Enviro Panel® (Mould Resistant Pre-Finished Panels)

DESCRIPTION

Enviro Panel® is a pre-decorated panel product featuring one of six finishes laminated to an inorganic, non-combustible, water resistant, treated gypsum core panel. The panel substrate employs glass mat facings, front and back embedded into a water resistant and silicone treated gypsum core.

USES

Enviro Panel® is an ideal choice for interior use in new and retrofit schools and school portables, public buildings and residential basements.

ADVANTAGES:

Mould Resistant: Unlike regular paper covered gypsum panels, Enviro Panel® resists mould growth.
Installation: Enviro Panel® requires approximately 1/3 the labour time of conventional drywall.
Cleanliness: Since Enviro Panel® is 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.
Maintenance: The Enviro Panel® product is very abrasion resistant and requires less maintenance than painted walls after installation. Painted walls require frequent touch ups and/or repainting which also increases V.O.C. emissions in the occupied space. A higher compressive strength than regular gypsum products also allows Enviro Panel® to be more abuse resistant.
Moisture Wicking: Enviro Panel® will resist wicking of water – unlike regular gypsum or cement board.

LIMITATIONS

Enviro Panel® 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.
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 <u>not</u> 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

Enviro Panel® is a factory-finished decorative product that does 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 Enviro Panel® 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

Enviro Panel® joints should be covered with Envirowall coloured P.V.C. or vinyl wrapped snap on covers (to conceal fastener heads).

TECHNICAL DATA

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

Flame Spread   20
Smoke Developed   40

Sizes:
Thickness: ½", 5/8" (12.7mm, 15.9mm)
Width: 4' (1219 mm)
Lengths: 8' (2438 mm)

INSTALLATION

APPLICABLE STANDARDS AND REFERENCES

- GYPSUM ASSOCIATION BROCHURE GA-224-08 "INSTALLATION OF PRE-DECORATED GYPSUM BOARD"
- ENVIROWALL APPLICATION INSTRUCTIONS
- SGS US TESTING COMPANY REPORT # 140979 "EVALUATION OF ENVIRO PANEL® IN ACCORDANCE WITH ASTM SPECIFICATION G21-1996 PRACTISE FOR DETERMINING RESISTANCE OF SYNTHETIC POLYMERIC MATERIALS TO FUNGI

Enviro Panel® can be installed over steel or wood stud framing. Stop spacing should be 16" o.c. Fasteners should be spaced 6" o.c. and driven flush with panel surface. Do not counter sink.

WOOD FRAMING

Secure Enviro Panel® to wood framing with 1 ½" to 1 ⅞" corrosion resistant drywall nails, or 1 ¼" to 1 ⅞" corrosion resistant waferhead or buglehead coarse thread Type W or multilevel thread (Type S Hi-Lo) sharp point drywall screws.

METAL FRAMING

Secure Enviro Panel® to metal framing with minimum 1 ¼" to 1 ⅞" waferhead or buglehead multi-level thread sharp point drywall screws (Type S Hi-Lo).

Joint Treatment

Enviro Panel® joints should be covered with coloured P.V.C. or vinyl wrapped snap on covers to conceal fastener heads.