



HOME of MAGNUM[®] BOARD

“The New Generation Building Material”

TECHNICAL BULLETIN No.:	100109-0900
Subject:	Installation Guidelines for Magnum [®] Wood Veneer Paneling
Issue Date:	October 2009
Issue No.:	4

1.0 PURPOSE

- 1.1 To define the guidelines for installing Magnum[®] Wood Veneer Paneling.

2.0 GENERAL

- 2.1 In new construction do not install panels until new plaster and masonry have dried out.
- 2.2 Never install paneling over “green” studs or furring strips.
- 2.3 Paneling is an interior wall finish and is not designed for contact with excessive moisture.
- 2.4 It is best to install panels over a solid backer to prevent warping.
- 2.5 Where paneling is installed on the interior side of exterior facing walls or over a masonry or concrete wall, use a continuous vapor barrier between the paneling and the supporting structure.

3.0 MATERIAL REQUIREMENTS

- 3.1 Always store Magnum[®] Paneling indoors, on a flat surface, and well covered to ensure no damage occurs to the wood veneer before and during installation.
- 3.2 Always keep the corners of Magnum[®] Paneling protected.
- 3.3 Do not stack any material on top of Magnum Paneling.
- 3.4 Always try to stage or marshal paneling as close to the point of installation as possible.
- 3.5 Before installing paneling, you may wish to place the materials in the room where they will be installed for two to five days to allow

the wood to adjust to the humidity level. This will help eliminate any shrinkage or expansion problems once the panels are secured to the wall.

- 3.6 Handling of Magnum Paneling is best done with a minimum of 2 persons to ensure paneling is not damaged and to help prevent workers from being injured.

4.0 PROCEDURE

4.1 Cutting

- 4.1.1 Use a circular saw equipped with a thin carbide blade and very fine teeth equipped with a filter system.
- 4.1.2 The accurate way to mark cut-outs is by careful measurement. Mark on the face of the panel, drill holes at each corner, then cut with a roto-zip equipped with a cement board bit or a jig saw.
- 4.1.3 CAUTION: Be cautious when cutting ensuring you do not scratch the paneling.

4.2 Alignment of Paneling

- 4.2.1 Always position paneling at least ¼” from the ceiling and floor to allow for alignment and to keep paneling off the floor.

4.3 Fastening

4.3.1 With pneumatic nails

- 4.3.1.1 Use an E T & F pneumatic tool model no. 110 (or equal) and an E T & F 1” pin no. AST-075-0100G (or equal).

4.3.2 With Paneling Nails

- 4.3.2.1 If you wish to use finishing nails made especially for wood paneling and colored to match the paneling, pre-drill fastener holes equivalent to one half the diameter of the fastener you will use.
- 4.3.2.2 Proceed to drive the nails into the predrilled holes securing the paneling to the substrate.

4.3.3 With Adhesives

4.3.3.1 Panel adhesive is available in cartridges for use in a caulking gun. Apply a continuous bead of adhesive in vertical stripes not more than 12” apart and a continuous bead around the perimeter. Follow the instructions issued by the adhesive manufacturer for pressing panels in place, tilting away from wall, and then repressing. Nails may be used to hold the panel until the adhesive sets. If nails are used, follow the instructions above.

4.4 Finishing

4.4.1 You may wish to cover the butt joints with a paneling molding. If so, adhere with adhesive to prevent nail heads from showing.

4.4.2 Use a cloth dampened with water or a mild household cleaner to remove dirt and stains. Follow cleaner manufacturer’s guidelines for wood veneer cleaning. Always test the cleaner in a small inconspicuous place before using on all paneling.

5.0 REFERENCES

5.1 Magnum Building Products® “MSDS”

6.0 BUILDING CODES

6.1 Always follow Local, State and Federal Building Codes as applicable.