

## Fiberglass Board

**PLEASE READ CAREFULLY BEFORE USING THIS PRODUCT.**

Fiberglass boards are used in a number of commercial and industrial applications. They are usually impaled over welded pins on flat surfaces. For irregular surfaces they are cut in segments and banded in place.

Unfaced boards are normally finished with reinforced insulating cement.

### Installation

Product should be kept dry during shipping, storage and installation.

Boards can be easily cut with a knife and fit neatly into irregularly shaped areas.

Boards with ASJ Max or FRK facings shall be applied using mechanical fasteners such as weld pins or speed clips. Fasteners shall be located not less than 3" (75mm) from each edge or corner of the board.

Pin spacing along the equipment should be no greater than 12" (300mm) on centers. Additional pins or clips may be required to hold the insulation tightly against the surface. Weld pin lengths must be selected for tight fit but avoid "oil-canning."

In multiple layer applications, use faced material on outer layer only.

Where a vapor retarder is required, cover pins and clips with vapor sealing, pressure-sensitive patches matching insulation facing. Rub hard with a plastic sealing tool for a tight bond and a vapor seal.

All insulation joints should be sealed with pressure-sensitive joint sealing tape to match the insulation facing. Rub hard with a plastic sealing tool to effect a tight bond. Recommended practice suggests 3" (76mm) wide tape on flat surfaces or where edges are ship-lapped and stapled. Use 5" (102mm) wide tape in lieu of ship-lapping. If insulation is being applied to sheet metal duct work, all sheet metal joints must be sealed prior to insulating. Glass fabric and mastic may be used in lieu of pressure-sensitive tape.

### Vertical Applications

Fiberglass boards can be installed between furring strips, hat channels and Z-shaped furring where a finish will be applied. For exposed applications, the product can be impaled on impaling pins or adhered with adhesive.

### Horizontal Applications

For horizontal surfaces please use impaling pins.

### Curtainwalls

Boards can also be easily installed by mounting on impaling pins or holding in place with supporting clips designed for the application.

### Masonry Construction

Boards can be installed on the interior face with stick pins, or by using appropriate adhesives.

### Precast Concrete

Boards can be installed using impaling pins or appropriate adhesives.

When using adhesive, follow adhesive manufacturer's recommendations for surface preparation and adhesive pattern.

When using impaling pins, follow pin manufacturer's recommendations for surface preparation. Lengths should be selected for tight fit. Protect pin tips where subject to contact. Pins should be located 3"-8" from the edge(s) of the board.

Maintaining the integrity of the vapor retarder is important for effective moisture/humidity control. Repair any punctures or tears in the facing by taping with a matching pressure sensitive tape.

### Fiberglass Boards Recommended Impaling Pin Pattern

