



Type 703 and Type 705 Series Fiberglas™ Insulation Boards Installation Instructions

Technical Information

Type 703 and Type 705 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.

Type 703 and Type 705 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.

For Vertical Applications

Type 703 and Type 705 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.

For Horizontal Applications

Type 703 and Type 705 can be installed on horizontal surfaces by using impaling pins.

On Curtainwalls

Type 703 and Type 705 is easily installed by mounting on impaling pins or holding in place with supporting clips designed for the application. Follow curtainwall manufacturer's instructions for clearance.

On Masonry Construction

Type 703 and Type 705 can be installed on the interior face with stick pins, or by using appropriate adhesives.

On Precast Concrete

Type 703 and Type 705 can be installed using impaling pins or appropriate adhesives.

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

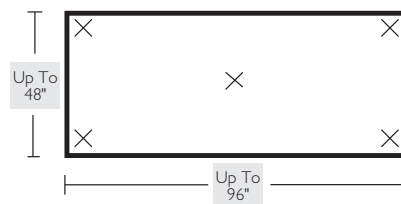
When using impaling pins, follow pin manufacturer's recommendations for surface preparation. Lengths should be selected for tight fit. Protect pin tips where subject to contact. Pins should be located 3"-8" from the edge(s) of the board.

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.

703 and 705 Series Recommended Impaling Pin Patterns

Pins should be located 3-8" from the edges of the board

Walls: 703 and 705 Series Insulation



Ceilings: 703 and 705 Series Insulation

