

More Information

For more information on PINKCORE insulation and ties please contact your Owens Corning representative to request the following publications:

Product Data Sheet	UC-280
Distributor Information	15-IN-22930
Pullout test results	1-IN-23088

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Product Installation



PINKCORE® Extruded Polystyrene Insulation & Connector Ties

Description

PINKCORE extruded polystyrene (XPS) rigid insulation and ties are specifically designed for use in tilt-up and precast/prestressed panels. They provide a fast, efficient method of insulating walls without compromising the low-maintenance, high durability of concrete walls.

Each sheet of PINKCORE insulation is marked on one side with dots on 16-inch centers, indicating where ties would normally be inserted into the foam.

The PINKCORE ties are designed to keep a 3" fascia layer of concrete affixed to the panel without the benefit of solid sections of concrete.

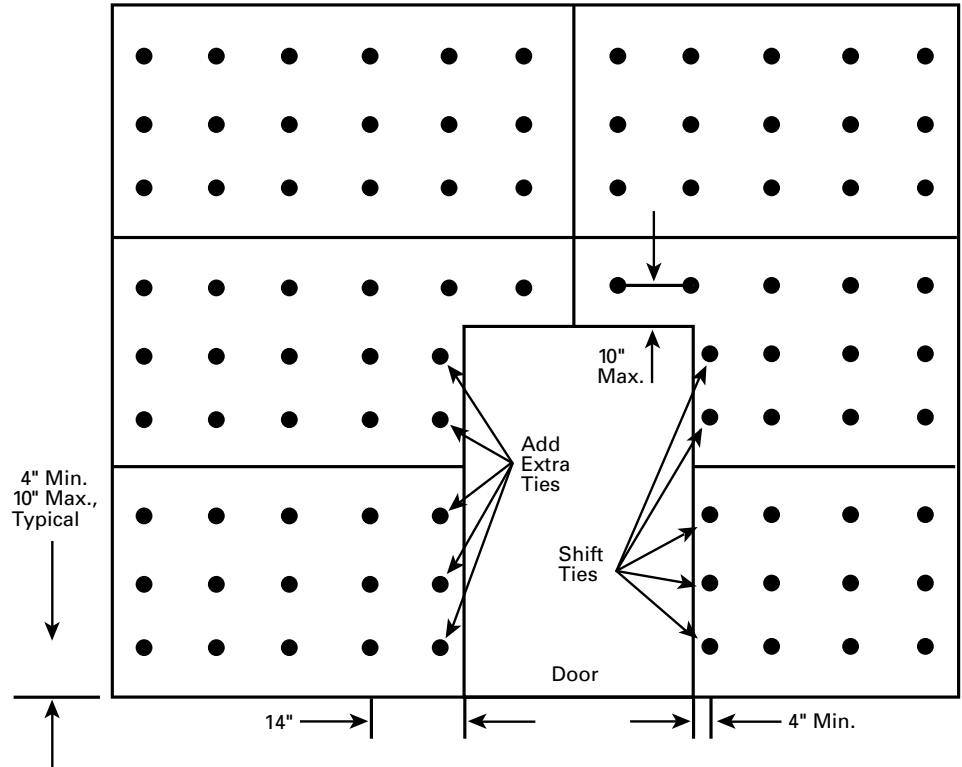
Applications

The PINKCORE XPS foam insulation and ties may be used in most tilt-up and precast applications where:

- The fascia, or outside layer of concrete is three inches thick or less
- The panels do not extend beyond 40' above grade
- The full width of the panel, including the fascia is supported
- The concrete strength at the time of lifting is at least 2,500 psi (need SI units)

Installation

- Place foam insulation board on freshly poured concrete immediately after screening (within 15 to 30 minutes). The concrete should be level enough to contact the entire surface of the insulation board.
- Insert the PINKCORE ties immediately after placing the insulation board on the wet concrete. Push the pointed end of the tie through the insulation board into the fresh concrete until the embedment stop is even with the top surface of the insulation board. Do not push tie into foam board past embedment stop. Place ties on 16-inch centers.
- Promote consolidation of the concrete around the tip of the tie by applying repetitive foot pressure on the insulation ("walking" the board) near each tie, or otherwise vibrating the tie or the area around the tie.



Around Openings

Openings in the wall (e.g. for windows) often interfere with the dot pattern printed on the foam. Ties should be no closer than 4" and no further than 10" from the edge of the foam. In these cases, you may need to either shift ties away from the openings or add extra ties so this spacing is maintained.

Tops or Bottoms of Wall

As a result of fabrication, the dots on the board may not reflect proper placement of the ties at the top or bottom of the wall. If the foam has been cut in such a way that the top or bottom row of dots is either closer than 4" or further than 10" from the edge, you may need to shift ties away from the edge or add an extra row of ties to maintain proper spacing.

Between Openings

If the insulated wall has two or more openings, be sure that the space between them has at least two rows of ties. If necessary, modify the tie spacing so no row is closer than 4" from the edge of the foam. Extra ties are shipped with each order to facilitate proper spacing. Moving or adding a row of ties is easy with PINKCORE insulation and ties since the sharp end of the tie will penetrate the foam wherever you need to place a tie.