

Panel Base Connector - P*

Eliminate misaligned embed plates and field welding by bolting panels directly to the foundation

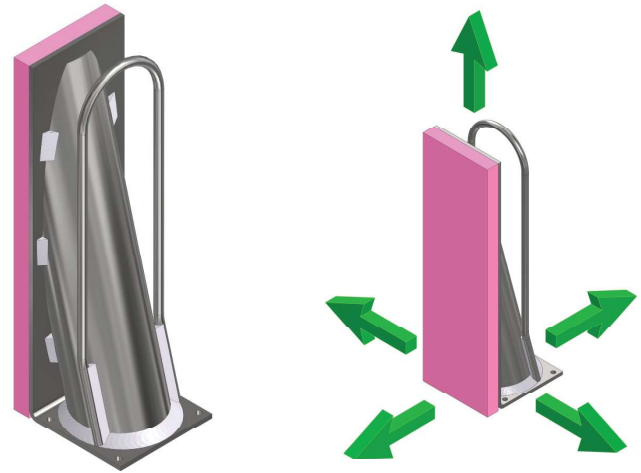
The Panel Base Connector-P is easy to position and fasten at the bottom edge of the form. It can be placed in either a face-up or face-down orientation depending on the forming and handling preference.

The high-strength, purpose designed drill-in 3/4"x10" screw anchor provides an immediate and secure connection when tightened. There is no grout set-up or wait time.

The connection is centered in the concrete panel, minimizing moment and eccentric forces in the design, and resisting in-plane tension and out-of-plane shear forces.

The connection provides a nominal capacity in excess of 10 Kips for tension, meeting the applicable ACI requirements.

The relatively small access area is easy to grout, providing complete embedment and encapsulation for corrosion protection.

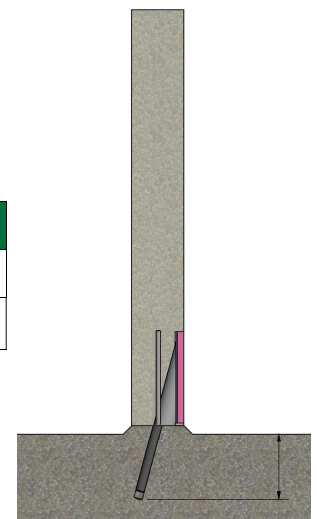


Foam thickness can be increased to center PBC-P in wall.

Panel Base Connector Kit	
Part No.	Description
SBPBC10-PKIT	10" Panel Base Connector - P Kit w/ 3/4" x 10" Screw Anchor

* 12" Screw Anchor available if spacing between bottom of panel and footing is more than 2".

**Meets ACI integrity requirements of ACI-318 -11
16.5.1.3(b) ACI318-14 16.2.4.3(b), ACI-318-19
16.2.4.3 (b), and ACI 551.2R-15 Chapter 8.**



Note: 7" Screw Anchor engagement required

* Patent No.: U.S. 11,891,790

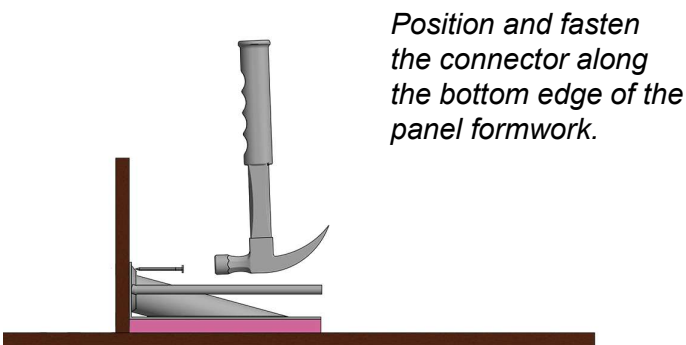
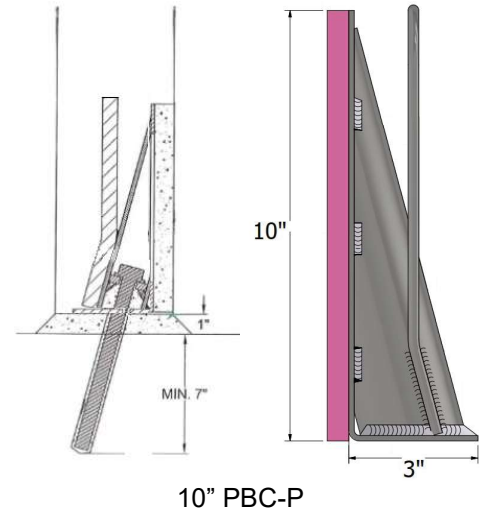
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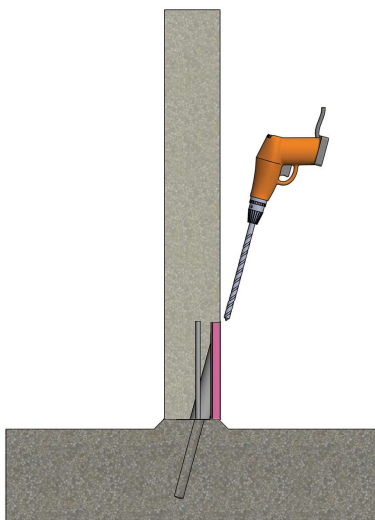
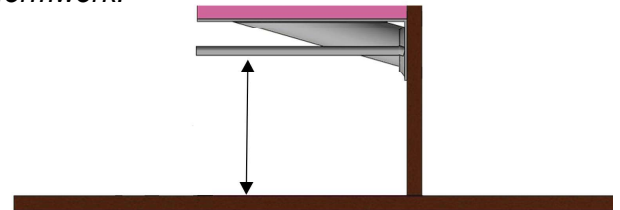

MADE IN USA

Basic Installation

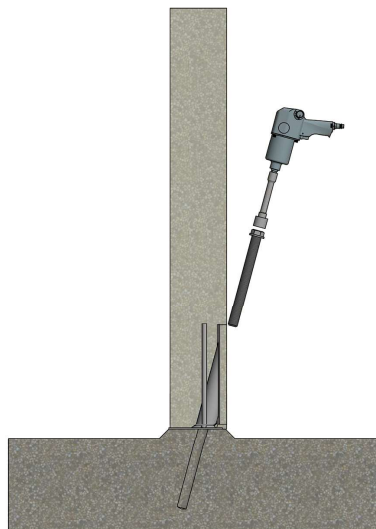
1. Position and fasten the Panel Base Connector-P to the desired location(s) in the bottom edge of panel formwork using the holes provided or hold up for upside wall projection.
2. Cast, lift, handle and erect the completed panel on the concrete footing or foundation as typical.
3. Remove the foam cover from the face of Panel Base Connector-P.
4. Through the opening of the Panel Base Connector-P, drill a minimum 3/4" x 7" hole in foundation, using a 3/4" bit, into the footing or foundation.
5. Clean the concrete dust from each hole.
6. Place the 3/4" x 10" screw anchor through the Panel Base Connector-P into the footing or foundation.
7. Torque anchor into the footing or foundation with a maximum of 150 ft.-lbs. Do not over-torque anchor.
8. Grouting cavity or patching face of panel is not required and is optional.



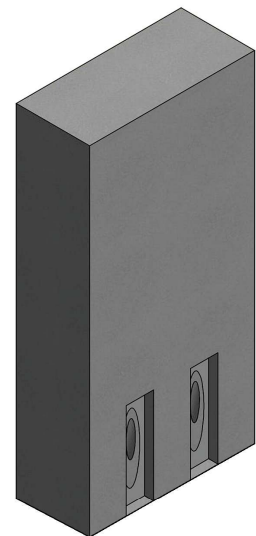
Position and chair the connector along the top edge of the panel formwork.



Drill a 3/4" x 7" hole, using a 3/4" x 24" bit, through the opening of the connector into the footing or foundation.

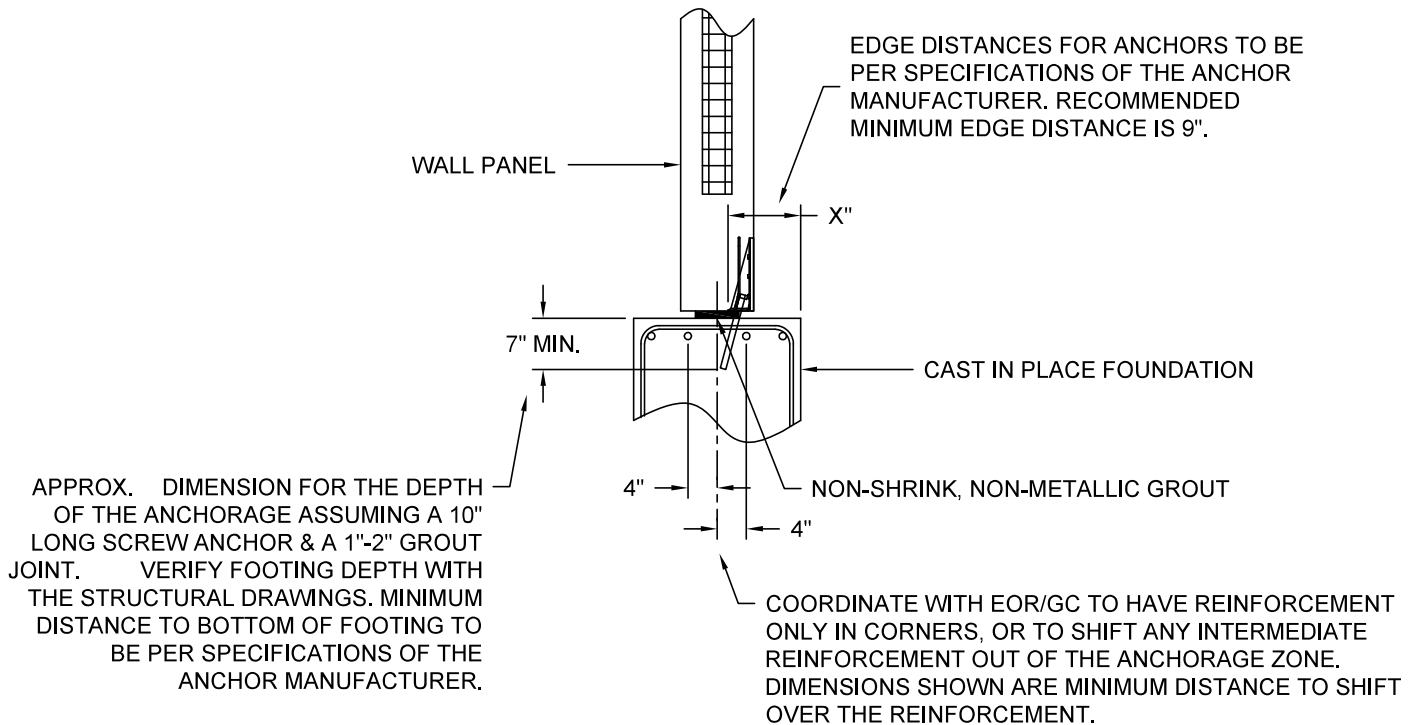


Place a 3/4" x 10" screw anchor through the connector and footing or foundation, then torque to 150 ft.-lbs.

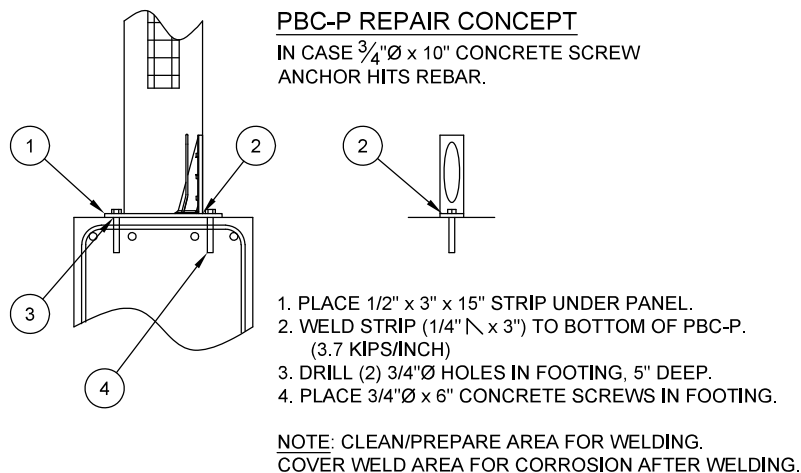


Grouting cavity or patching face of panel is not required and is optional.

Installation Detail



Repair Concept



DISCLAIMER:

The repair information provided is for general guidance only & is not intended as a substitute for professional engineering review or approval. The suitability, effectiveness & safety of any repair should be evaluated & verified by a qualified engineer based on the specific project conditions, structural requirements & applicable codes & standards. The responsibility for ensuring the adequacy of the repair remains with the project engineer & other relevant professionals. The manufacturer & distributor assume no liability for improper use, application or reliance on this information.

The following repair concept has been provided to assist in the repair of a PBC-P connection if the hole cannot be drilled to appropriate depth or if the bolt is not able to be fully installed or reach the recommended torque levels.

Capacity of repair strength to be determined by project engineer based on foundation conditions & criteria.