

Pocket Form Isolator™ - PFI™

Pocket Form Isolator is a 'leave-in-the-slab' isolation pocket, or diamond block-out engineered of high-density polyethylene (HDPE).

Wood, Styrofoam, and other materials currently used to create block-outs all have a common flaw – they must be 'wrecked-out' after the slab in place! Using PFI does away with wrecking-out diamonds, eliminates unsupported and or chipped slab edges, as well as debris-filled pockets that could prevent the proper placement of the column base grout bed. Because HDPE does not fill bond to concrete and because PFI sits as finished floor elevation, it becomes the optimum separation and expansion joint between the inner and outer concrete pours, eliminating the need for grout lines, fiberboard, or other separation methods in use today.

- PFI is easily penetrated with hand tools to accept conduit or PVC doglegs so frequently seen in modern retail and commercial structures.
- POCKET FORM ISOLATOR may also be used to create state of the art utility and refrigeration line pull boxes.
- PFI comes boxed in four sections with everything included to assemble, then anchor PFI to the footing-stainless steel hardware, illustrated English/Spanish instructions, stackable EPDM shims, clips and concrete nails.
- On conventional steel frame structures PFI can be assembled around pre-set columns, making monolithic pours possible because you don't wreck out PFI.
- PFI is available in 24" and 28" square sizes, in heights up to 48" and beyond.
- One, two, or three PFI sections may be used to create interior corner pockets, "along the wall" or perimeter pockets, and exterior corner pockets, and custom shaped pockets can be constructed to meet the needs of almost any project you are working on.

A companion flush fitting, orange, REUSABLE safety top is available that exceeds OSHA requirements for open holes on jobsites, supporting in excess of 2300 lbs. in dynamic tests. Workers may still be protected AFTER columns are set by utilizing dimensional lumber pieces cut to fit across the interior safety top ledge that is 1 ½" below finished floor elevation. Contractors can power trowel and laser screed directly over PFI when safety tops are in place. PFI is engineered in part with recyclables, and since it is not wrecking out, eliminates the disposal of used formwork and waste lumber. Slab edges no longer require thickening, and saw cut joints are made quick and easy with PFI.

Safety tops also function as a cover for diamond block-outs when casting tilt-up panels. Used in conjunction with our clear polyethylene (POLYTAPPE) that sticks aggressively to both PFI and the freshly-poured slab, or with sheet rock mud, PFI can virtually eliminate "grind and patch" from the tilt-up jobsite vocabulary! **And the price is right – a contractor-performed TIME/COST STUDY showed he saved 30+ man-days labor and over \$4,000 in direct cost on a 100 block-out job!**

PFI has been successfully used in the slabs of Super Target, Target, Wal-Mart, Super Wal-Marts, Sam's Clubs, Home Depot Stores, public schools, supermarkets, the new Georgia International Convention Center and a variety of other commercial and industrial structures.

PFI was patented in 1993, and has been marketed since July 2001.

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