RECOMMENDATION

The following is the National Gypsum Company recommendation for installing 2" PermaBase CI Insulated Cement Board™ directly to Concrete and CMU walls.

Position PermaBase CI into desired location. While holding panel in place drill a 5/32" diameter hole through PermaBase CI and into concrete/CMU wall to a depth 1/2" longer than the screw. Be sure to auger out the debris as you are withdrawing the drill bit.

Install a 3 1/4" or 3-3/4" long 3/16" dia. Rodenhouse Grip-Deck® Concrete Screw or Tapcon® flat Phillips Head Concrete Screw with Rodenhouse Grip-Plate® Lath & Plaster washer through PermaBase CI into pre-drilled hole and tighten screw/washer flush with the surface of the cement board. Be sure to achieve at least 1-1/4" screw embedment into CMU, and at least 1" screw embedment into concrete.

Screw spacing to be 12 inches on center along perimeter and throughout the field of the cement board. Screws around the perimeter should be located 2 inches in from ends and edges of the PermaBase CI.

Cement board joints should then be treated with alkali-resistant fiberglass mesh tape as usual. All control joints in concrete/CMU structure need to be honored in the cement board.

For additional information contact 1-800-NATIONAL.