

PRO-KEY™ Installation Guide

Before installing, locate joints for PRO-KEY™ as indicated on drawings, as called for in specifications or as recommended by either ACI or PCA.



Step 1

Step One:

- With elevation checked by instrument, stretch a line the length of the joint 1/4" to 3/8" below the finished elevation. If cap is used, drive stakes 3/16" deeper.



Step 2

Step Two:

- Place the 10' sections of PRO-KEY™ along the line end to end, using stake slots as template to position stakes.
- Install stakes on 2' centers, 5 stakes per 10' section. Small stake slot found at each end allows stake to double as a butt splice. Additional stakes shall be used with the remaining slots for support if soil conditions require.



Step 3

Step Three:

- Hang key joint on stakes and push downward. Stake hooks slip through lower slots and top locks into upper slots. (A patented, positive stake to key locking system) PRO-KEY™ and stakes are punched with wire holes if needed.



Step 4

Step Four:

- With continuous placement, concrete shall be placed to full depth simultaneously on both sides of joint. When PRO-KEY™ is used as a bulkhead or in a construction joint, knockouts shall be bent at 45 degrees into the concrete.



Step 5

Step Five:

- Finish the concrete flush to the top edge of the key joint. Be sure the concrete fills key without void or honeycomb. Do not edge joint!