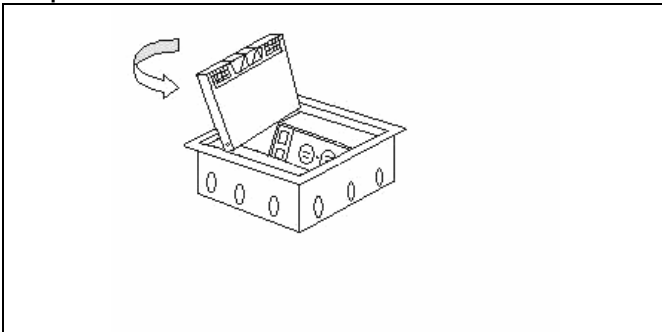


PMC50- Concrete Floor Boxes

**INSTALLATION INSTRUCTIONS**

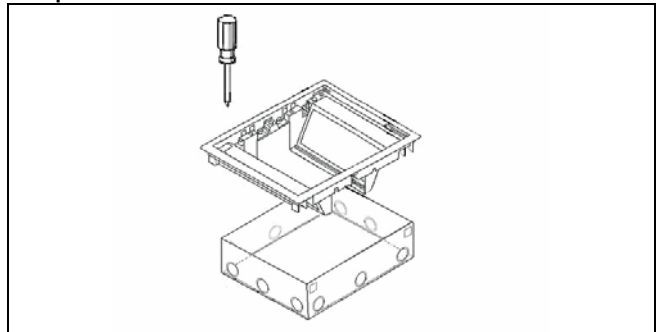
**IMPORTANT:** Please read carefully the following instructions before beginning. In case of any doubt do not hesitate to contact us.

**Step 1**



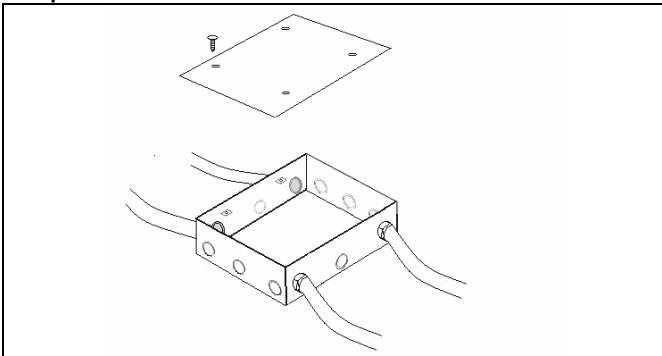
Remove Lid.

**Step 2**



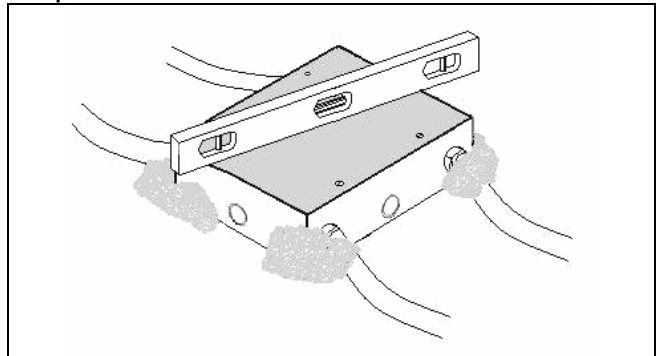
Remove four silver tighten screws located at four corners of box and remove frame/trim. Determine box location and position in accordance to floor plans.

**Step 3**



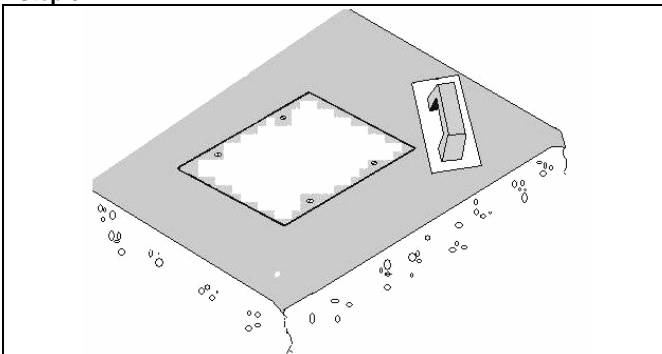
Attach required flexible conduits to knockouts in accordance to box position. Install mudcap. (Mudcap must be installed to prevent debris from entering to box during pour). Duct tape any cracks or seams where concrete may enter.

**Step 4**



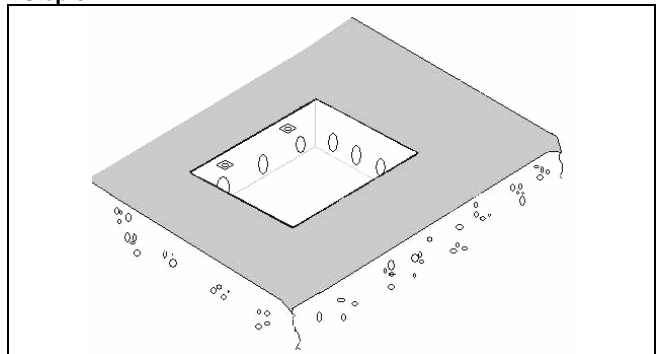
Fix and secure box to the floor using concrete mix. Add necessary concrete mixture below and around box to allow box's leveling in accordance to final floor level desire. (See "Leveling": Page 2)

**Step 5**



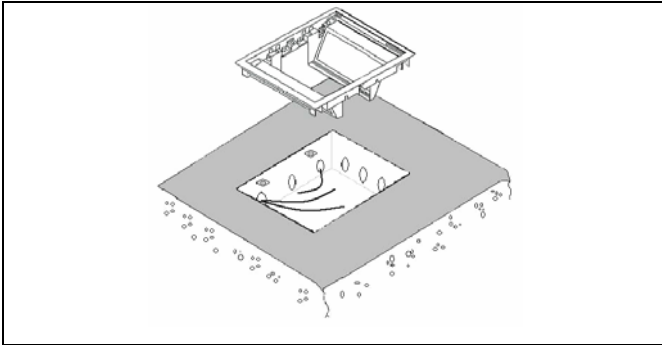
Hand toweling near box edges is suggested once pour process is completed.

**Step 6**



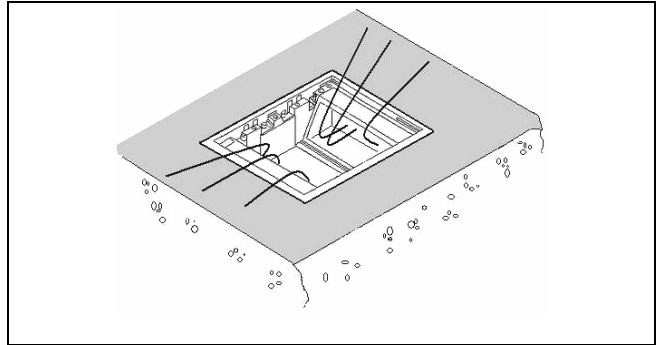
Remove disposable mudcap.

### Step 7



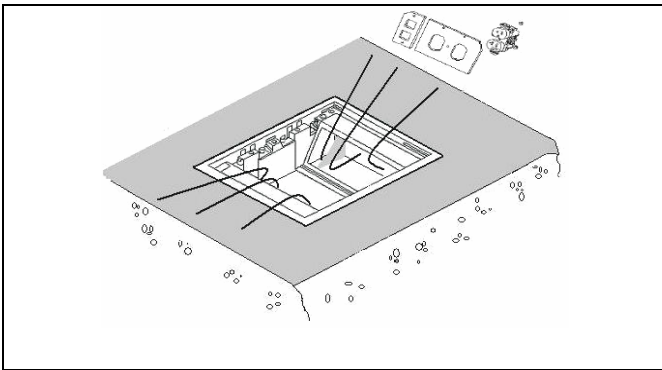
Locate and pull cables and wires.  
Insert frame/trim with mounting brackets. Use tighten screws located at 4 corners to secure frame/trim to steel box.

### Step 8



Pull cables through mounting brackets.

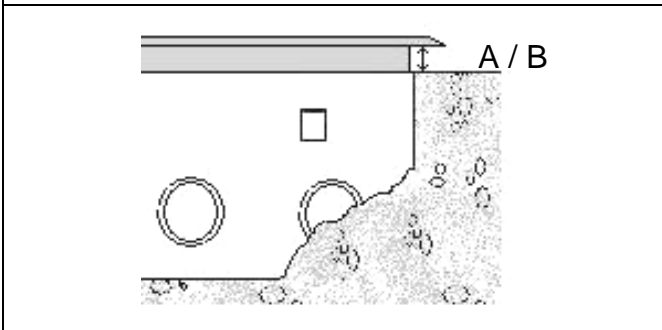
### Step 9



Wire devices in accordance with the National Electrical Code.  
Attach power and data devices to corresponding faceplates.  
Attach faceplates to mounting brackets.  
When placing a combination of power and low voltage devices on one side, services dividers must be installed. (Service dividers are provided)

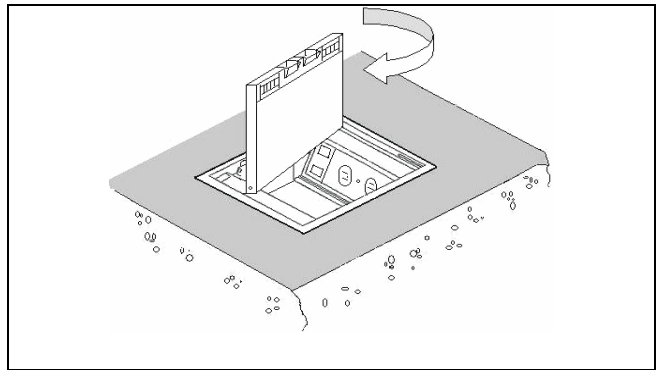
### LEVELING:

#### A – IMPORTANT



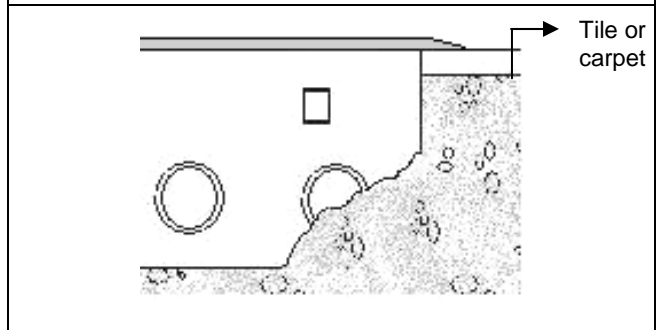
A: Maximum Adjustment: 0.25" with supplied tighten screws  
B: Maximum Adjustment: 0.75" with longer screws (not supplied)  
*In case concrete is flushed with box, the above mentioned adjustments for tile or carpet covering are possible.*

### Step 10

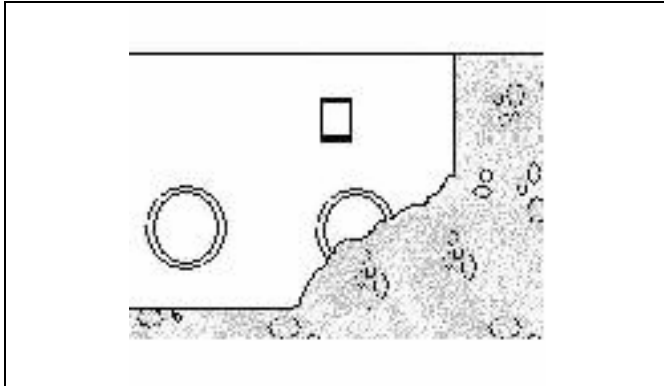


Attach cover to frame/trim.  
-Place nock at right side into corresponding hole in frame/trim.  
- Push left side of lid until left side nock reaches end position.

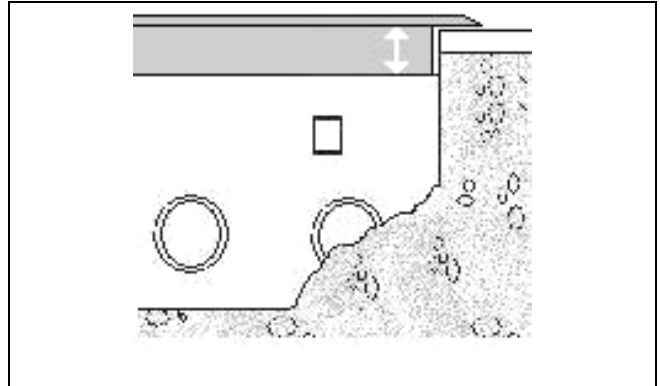
#### CORRECT



When a floor covering thickness is known in advance (tile, wood, carpet), estimating level to obtain a floor covering flushed with floor box is suggested (as shown on above fig.) However it is not completely necessary, as described in fig A

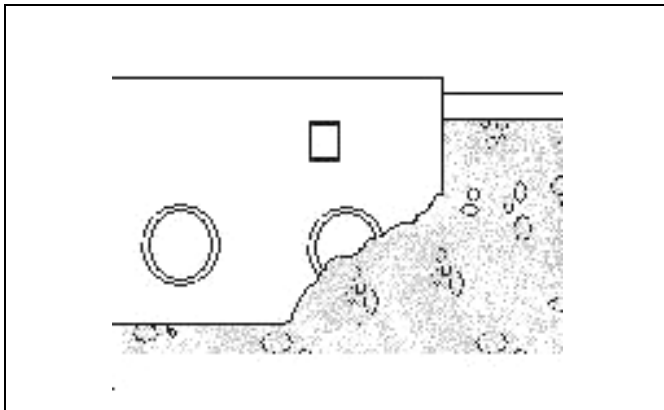


When concrete is flushed with box, frame can be applied; allowing a 0.25" adjustment for floor covering (with supplied screws) or 0.75" using longer screws (not supplied). See Fig A



When concrete is over poured frame/trim can still be applied. Note that over poured concrete and floor cover should not exceed 0.75" above the box level.

\*\*\* INCORRECT \*\*\*



Avoid this situation