

Why Concrete Plinth Deck Blocks?

1. **Deck is not attached to home:** Plinth Deck Blocks eliminate the need to lag-bolt deck to the home. Deck can be installed as a floating foundation system separate from the home.
2. **Weight is spread across a floating foundation of Plinth Deck Blocks:** Weight is not concentrated on a relatively few footings, it is spread across a floating foundation, giving you a more reliable structure.
3. **Build an entire deck using only standard 2" X 6" and 4" X 4" lumber:** Plinth Deck Block eliminates use of many sizes of lumber with hard to find sizes.
4. **Eliminate the costly substructure:** No need for a costly substructure of heavy double header beams to support deck.

5. **2" X 6" deck support boards are supported directly by Plinth Deck Blocks or 4" X 4" leveling posts:** Eliminates the need for each footing to be set in a deep, cement-filled hole.
6. **No complicated hardware is needed:** With Plinth Deck Blocks there is no need for expensive metal brackets.
7. **Easier to Install:** The installation of concrete Plinth Deck Blocks requires neither specialized equipment nor intensive skilled labor. Plinth Deck Blocks do not require favorable weather and temperature for successful installation, avoiding costly construction delays.
8. **Major Cost Savings:** The initial cost of the concrete Plinth Deck Block is recouped many times over through longer product life, reduced maintenance and repair, making concrete Plinth Deck Blocks the most economical foundation available for your next

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Plinth Deck Block



NO Holes to Dig!

NO Cement to Mix!

NO Attaching to House!

BOOM
CONCRETE, INC.
Newell, S.D.

Quality Concrete Products



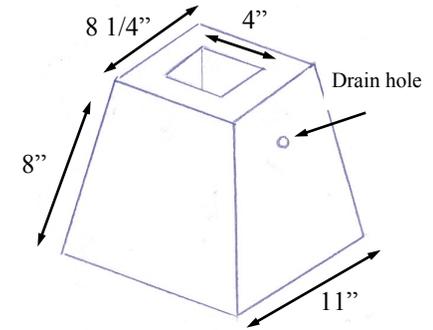
Concrete Plinth Deck Blocks

- *1-3/4" wide X 1-3/4" deep slot accepts 2" thick (1 - 2-1/2" net) lumber horizontally.*
- *3-3/4" square X 1-3/4" deep socket accepts 4X4 (3-1/2" x 3-1/2" net) posts vertically.*
- *Block accepts all lumber species and surfaced sizes currently manufactured in the U.S.*
- *Blocks allow for lumber attachments in parallel and/or perpendicular configurations.*
- *6" distance from bottom of block to bottom of lumber slot.*
- *Block porosity wicks moisture from slot/lumber to ground.*
- *Weight: approximately 38-45 lbs per block.*

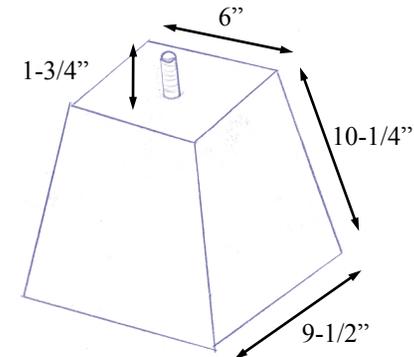
How to Level Your Plinth Deck Block Deck

1. **Determine the height of deck.** Locate the highest corner plinth deck block. Position a 2"x 6" support board in or above block to your desired height. Measure the distance from the bottom of the 2"x 6" support board to the pocket of the plinth deck block. Cut 4"x 4" post to length and position 2"x 6" support board atop.
2. **Level 2"x 6" support board.** Using a level as a guide, position the 2"x 6" support board above the last block of the row. Measure the distance from the bottom of the 2"x 6" support board to the pocket of the plinth deck block. Cut 4"x 4" post to length and position 2"x 6" support board atop. Repeat this process at the furthest row using the same height.
3. **Square up 2"x 6" support boards.** Attach 2"x 6" end boards to support boards using two 2-1/2" galvanized deck screws at each end. Using a level as a guide, ensure that both end boards are level. Adjust outside support boards until diagonal distance between opposite corners is EQUAL. Attach 2"x 6" support boards to the 4"x 4" posts using two 2-1/2" galvanized deck screws from each side.
4. **Level remaining 2"x 6" support boards.** Position and attach 2"x 6" support boards to the end boards using two 2-1/2" galvanized deck screws at each end. Position plinth deck block beneath the support boards. Measure distance from the bottom of the 2"x 6" support boards to the pocket of the plinth deck block. Cut 4"x 4" posts to length and position between support boards and plinth deck blocks. Repeat until all 4"x 4" posts are cut and positioned. Secure all support boards and 4"x 4" posts.

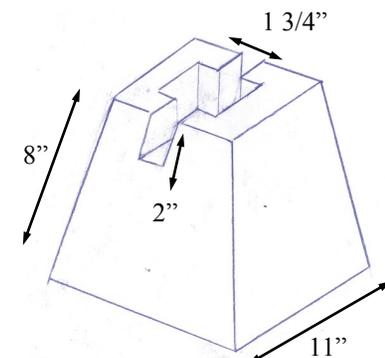
Plinth Deck Block Styles Available



With CUP



With PIN



With SLOT

Drawings Not to Scale