



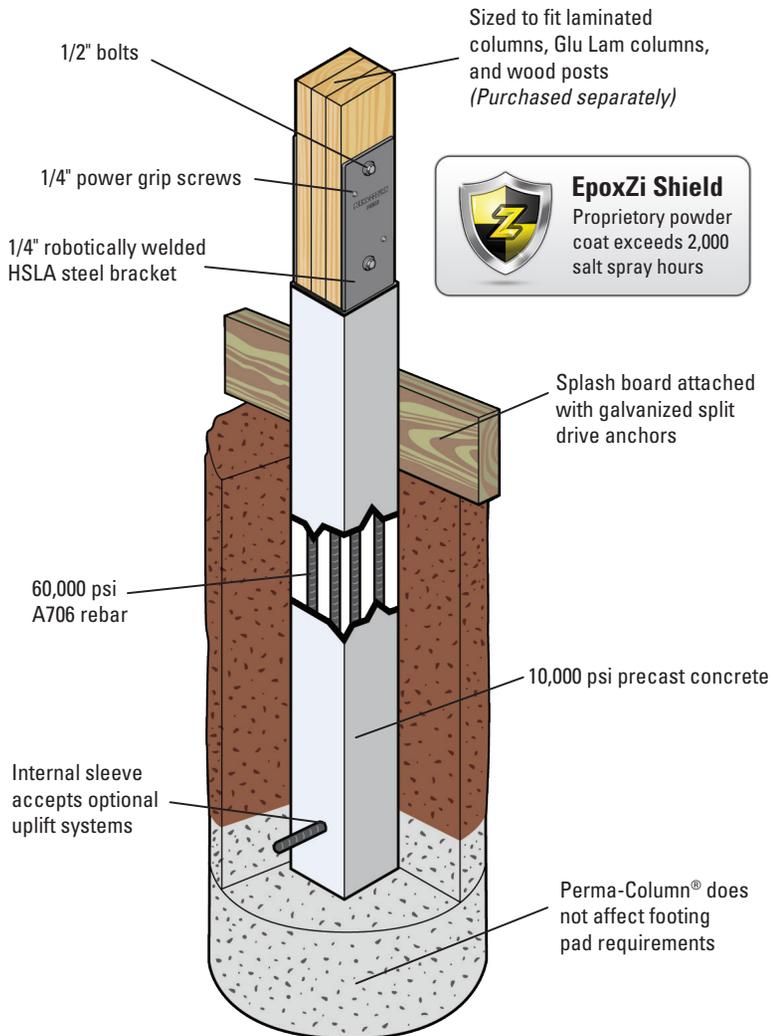
# 2019 PRODUCT GUIDE

BUILD BETTER. BUILD STRONGER. BUILD TO LAST.

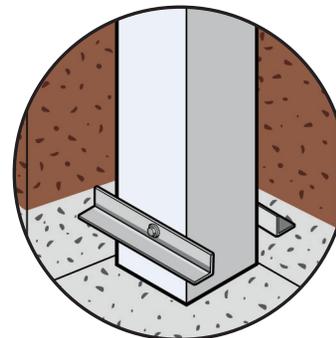


# PRECAST CONCRETE COLUMNS

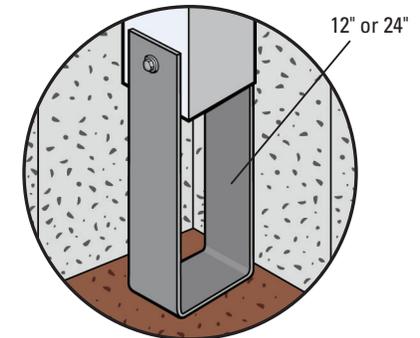
Perma-Column® precast concrete columns elevate wood out of the ground, ensuring your building's foundation will never rot. They combine the economy of post-frame construction with the durability of a concrete foundation. They are constructed of 100% American-made 1/4" steel finished with a tough powder coat, 1/2" grade 60 rebar, and 10,000 psi concrete.



| Model ID | Type          | Bracket height | Description                                  | Weight (lbs.) |
|----------|---------------|----------------|----------------------------------------------|---------------|
| PC4600   | 4" x 6"       | 13"            | 3-5/8" pocket fits 4" x 6" post              | 135           |
| PC6300   | 3-Ply 6"      | 13"            | 4-5/8" pocket fits 3-Ply 6" laminated column | 165           |
| PC6400   | 4-Ply 2" x 6" | 18"            | 6-1/8" pocket fits 4-Ply 6" laminated column | 215           |
| PC6600   | 6" x 6"       | 13"            | 5-5/8" pocket fits 6" x 6" post              | 196           |
| PC8300   | 3-Ply 2" x 8" | 18"            | 4-5/8" pocket fits 3-Ply 8" laminated column | 235           |
| PC8400   | 4-Ply 2" x 8" | 18"            | 6-1/8" pocket fits 4-Ply 8" laminated column | 290           |
| PC8500   | 5-Ply 2" x 8" | 18"            | 7-5/8" pocket fits 5-Ply 8" laminated column | 345           |



OPTIONAL UPLIFT ANCHORS\*



OPTIONAL COLUMN EXTENDER\*

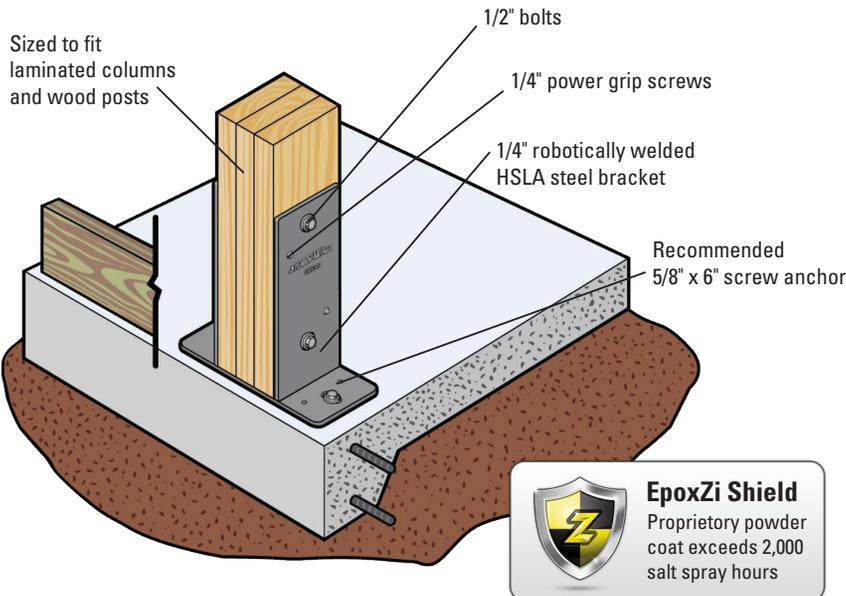
\*Uplift kits and hardware sold separately. Don't forget concrete nails (Item HW28) to attach the treated base board.

# STURDI-WALL® ANCHOR BRACKETS

The Sturdi-Wall® system allows for post-frame construction on traditional concrete foundations. They're constructed of 100% American-made 1/4" steel, robotically welded and finished with a tough powder coat. Install these engineered wall brackets with a masonry drill bit and concrete anchors.\*



## DRILL SET



| Model ID | Type         | Bracket height | Description                                                           | Weight (lbs.) |
|----------|--------------|----------------|-----------------------------------------------------------------------|---------------|
| SW46     | 4" x 6"      | 13"            | 3-5/8" pocket fits 4" x 6" post                                       | 13            |
| SW60     | 6" universal | 13"            | Used in pairs to fit odd-sized columns, or alone at corners and doors | 6             |
| SW63     | 3-Ply 6"     | 13"            | 4-5/8" pocket fits 3-Ply 6" laminated column                          | 13            |
| SW64     | 4-Ply 6"     | 13"            | 6-1/8" pocket fits 4-Ply 6" laminated column                          | 13            |
| SW66     | 6" x 6"      | 13"            | 5-5/8" pocket fits 6" x 6" post                                       | 13            |
| SW80     | 8" universal | 18"            | Used in pairs to fit odd-sized columns, or alone at corners and doors | 10            |
| SW83     | 3-Ply 8"     | 18"            | 4-5/8" pocket fits 3-Ply 8" laminated column                          | 24            |
| SW84     | 4-Ply 8"     | 18"            | 6-1/8" pocket fits 4-Ply 8" laminated column                          | 24            |
| SW85     | 5-Ply 8"     | 18"            | 7-5/8" pocket fits 5-Ply 8" laminated column or 8" x 8" post          | 26            |
| SW88     | 8" x 8"      | 18"            | 8-1/8" pocket fits 8" x 8" architectural post                         | 27            |

\*Hardware sold separately.

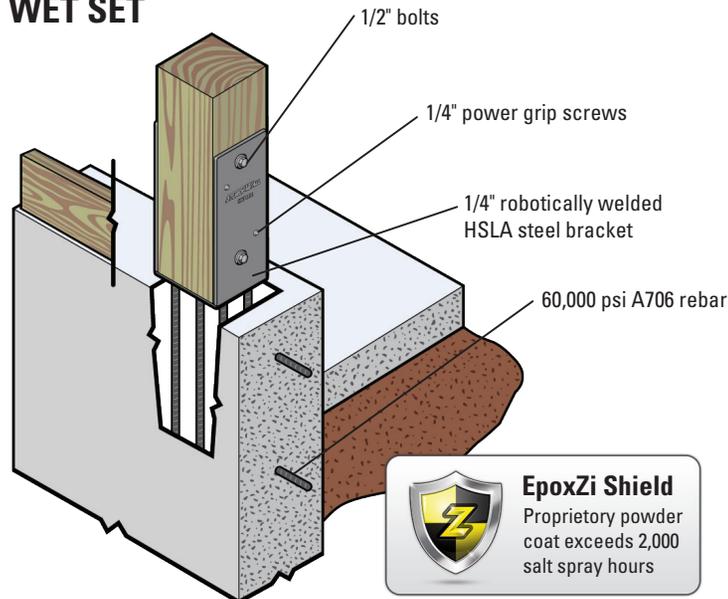
**STURDI-WALL**  
ANCHOR BRACKETS

# STURDI-WALL® PLUS ANCHOR BRACKETS

The Sturdi-Wall® system allows for post-frame construction on traditional concrete foundations. They're constructed of 100% American-made 1/4" steel, robotically welded and finished with a tough powder coat. Provides the highest ultimate strength connection to your foundation but requires installation while concrete is still wet.\*



## WET SET



**EpoxyShield**  
Proprietary powder coat exceeds 2,000 salt spray hours

| Model ID     | Type     | Bracket height | Description                                                  | Weight (lbs.) |
|--------------|----------|----------------|--------------------------------------------------------------|---------------|
| <b>SWP46</b> | 4" x 6"  | 13"            | 3-5/8" pocket fits 4" x 6" post                              | 16            |
| <b>SWP63</b> | 3-Ply 6" | 13"            | 4-5/8" pocket fits 3-Ply 6" laminated column                 | 16            |
| <b>SWP66</b> | 6" x 6"  | 13"            | 5-5/8" pocket fits 6" x 6" post                              | 17            |
| <b>SWP64</b> | 4-Ply 6" | 18"            | 6-1/8" pocket fits 4-Ply 6" laminated column                 | 21            |
| <b>SWP83</b> | 3-Ply 8" | 18"            | 4-5/8" pocket fits 3-Ply 8" laminated column                 | 27            |
| <b>SWP84</b> | 4-Ply 8" | 18"            | 6-1/8" pocket fits 4-Ply 8" laminated column                 | 28            |
| <b>SWP85</b> | 5-Ply 8" | 18"            | 7-5/8" pocket fits 5-Ply 8" laminated column or 8" x 8" post | 29            |
| <b>SWP88</b> | 8" x 8"  | 18"            | 8-1/8" pocket fits 8" x 8" architectural post                | 30            |

\*Hardware sold separately.



**STURDI-WALL**  
ANCHOR BRACKETS

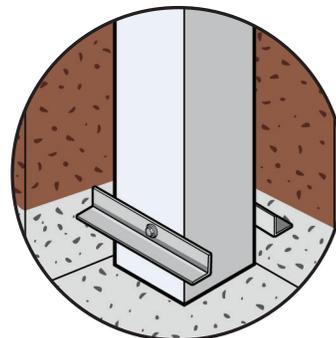
# PRECAST CONCRETE DECK POST

Protect your deck investment with concrete posts from Perma-Column®.  
ICC-certified Perma-Column® precast deck posts install fast and are built to last.

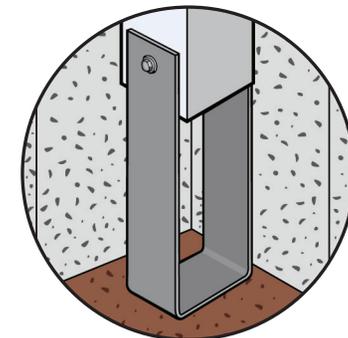


| Model ID | Type          | Description                                           | Weight (lbs.) |
|----------|---------------|-------------------------------------------------------|---------------|
| DP4430   | 4" x 4" x 30" | 3-5/8" pocket fits 4" x 4" post 30" long*             | 38            |
| DP4440   | 4" x 4" x 40" | 3-5/8" pocket fits 4" x 4" post 40" long*             | 50            |
| DP6630   | 6" x 6" x 30" | 5-5/8" pocket fits 6" x 6" post 30" long**            | 90            |
| DP6640   | 6" x 6" x 40" | 5-5/8" pocket fits 6" x 6" post 40" long**            | 118           |
| DP6430   | 6" x 6" x 30" | 6-1/8" pocket fits rough sawn 6" x 6" post 30" long** | 90            |
| DP6440   | 6" x 6" x 40" | 6-1/8" pocket fits rough sawn 6" x 6" post 40" long** | 118           |

\*Hardware sold separately (8) HW35 power grip screws recommended.  
\*\*Hardware sold separately (10) HW35 power grip screws recommended.



UPLIFT ANCHORS  
AVAILABLE



COLUMN EXTENDERS  
AVAILABLE

# HARDWARE

Get all the wedge anchors, screws, and nails you need to assemble Perma-Column® products. We sell hardware individually or in kits. See our hardware specifications below.



## SOLD SEPARATELY

| Model ID    | Size           | Description                                                                                                                                                                                                                                                                                                                  |
|-------------|----------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>HW10</b> | 5/8" x 6"      | Wedge anchor, screw type, zinc-plated. Install anchor with 5/8" masonry drill bit. Drill hole 5/8" deeper than anchor. Tighten to 75 ft.-lbs.                                                                                                                                                                                |
| <b>HW35</b> | 5/16" x 3-1/2" | Grade 5 galvanized Torx drive screw                                                                                                                                                                                                                                                                                          |
| <b>HW28</b> | 2-1/2" x 3/16" | Galvanized nails. Connect a building's lower splash board to the concrete Perma-Column®. Start by drilling a 3/16" hole through the splash board into the concrete post 1-1/4" deep using a hammer drill. Stay 1" away from the edge of the post. Finally, secure splash board by hammering split drive like a typical nail. |

## UNIVERSAL DRILL SET HARDWARE

| Model ID      | Item         | Description                                                                                                                                                                                                                                                                                                                                                                          |
|---------------|--------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>HW60DS</b> | 6" universal | 6" universal drill set hardware. Drill set hardware for 6" column at corner and door jamb includes: <ul style="list-style-type: none"> <li>• (2) 1/2" x 7" zinc-plated Grade 2 carriage bolts, washers, and nuts</li> <li>• (2) 5/16" x 3-1/2" Grade 5 galvanized Torx drive screw (Item HW35)</li> <li>• (1) 5/8" x 6" wedge anchor, screw type, zinc-plated (Item HW10)</li> </ul> |
| <b>HW80DS</b> | 8" universal | 8" universal drill set hardware. Drill set hardware for 8" column at corner and door jamb includes: <ul style="list-style-type: none"> <li>• (2) 1/2" x 9" zinc-plated Grade 2 carriage bolts, washers, and nuts</li> <li>• (4) 5/16" x 3-1/2" Grade 5 galvanized Torx drive screw (Item HW35)</li> <li>• (1) 5/8" x 6" wedge anchor, screw type, zinc-plated (Item HW10)</li> </ul> |

# HARDWARE KITS

Hardware kits are to be used for Perma-Column® and Sturdi-Wall® Plus products. They are available in a variety of options. See specifications below.



| Model ID    | Item         | Description                                                                                                                                                                                                                                                                     |
|-------------|--------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>HW46</b> | 4" x 6" kit  | Wood-to-bracket connection hardware for 4" x 6" post includes:<br><ul style="list-style-type: none"> <li>• (2) 1/2" x 5" zinc-plated Grade 5 bolts, washers, and nuts</li> <li>• (4) 5/16" x 3-1/2" Grade 5 galvanized Torx drive screw (Item HW35)</li> </ul>                  |
| <b>HW63</b> | 3-Ply 6" kit | Wood-to-bracket connection hardware for 3-Ply 6" laminated column includes:<br><ul style="list-style-type: none"> <li>• (2) 1/2" x 6" zinc-plated Grade 5 bolts, washers, and nuts</li> <li>• (4) 5/16" x 3-1/2" Grade 5 galvanized Torx drive screw (Item HW35)</li> </ul>     |
| <b>HW66</b> | 6" x 6" kit  | Wood-to-bracket connection hardware for 6" x 6" post includes:<br><ul style="list-style-type: none"> <li>• (2) 1/2" x 7" zinc-plated Grade 5 bolts, washers, and nuts</li> <li>• (4) 5/16" x 3-1/2" Grade 5 galvanized Torx drive screw (Item HW35)</li> </ul>                  |
| <b>HW64</b> | 4-Ply 6" kit | Wood-to-bracket connection hardware for 4-Ply 6" laminated column includes:<br><ul style="list-style-type: none"> <li>• (2) 1/2" x 7-1/2" zinc-plated Grade 5 bolts, washers, and nuts</li> <li>• (4) 5/16" x 3-1/2" Grade 5 galvanized Torx drive screw (Item HW35)</li> </ul> |
| <b>HW83</b> | 3-Ply 8" kit | Wood-to-bracket connection hardware for 3-Ply 8" laminated column includes:<br><ul style="list-style-type: none"> <li>• (2) 1/2" x 6" zinc-plated Grade 5 bolts, washers, and nuts</li> <li>• (8) 5/16" x 3-1/2" Grade 5 galvanized Torx drive screw (Item HW35)</li> </ul>     |
| <b>HW84</b> | 4-Ply 8" kit | Wood-to-bracket connection hardware for 4-Ply 8" laminated column includes:<br><ul style="list-style-type: none"> <li>• (2) 1/2" x 7-1/2" zinc-plated Grade 5 bolts, washers, and nuts</li> <li>• (8) 5/16" x 3-1/2" Grade 5 galvanized Torx drive screw (Item HW35)</li> </ul> |
| <b>HW85</b> | 5-Ply 8" kit | Wood-to-bracket connection hardware for 5-Ply 8" laminated column includes:<br><ul style="list-style-type: none"> <li>• (2) 1/2" x 9" zinc-plated Grade 5 bolts, washers, and nuts</li> <li>• (8) 5/16" x 3-1/2" Grade 5 galvanized Torx drive screw (Item HW35)</li> </ul>     |
| <b>HW88</b> | 8" x 8" kit  | Wood-to-bracket connection hardware for 8" x 8" post includes:<br><ul style="list-style-type: none"> <li>• (2) 1/2" x 9-1/2" zinc-plated Grade 5 bolts, washers, and nuts</li> <li>• (8) 5/16" x 3-1/2" Grade 5 galvanized Torx drive screw (Item HW35)</li> </ul>              |

# DRILL SET HARDWARE KITS

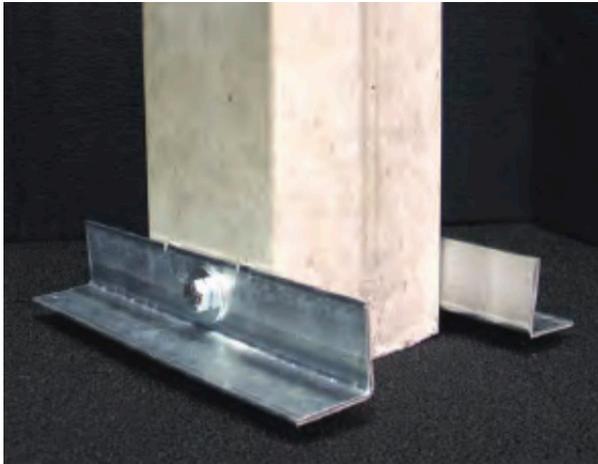
Drill set hardware kits are available in a variety of options. See specifications below.



| Model ID      | Item                   | Description                                                                                                                                                                                                                                                                                                                            |
|---------------|------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>HW46DS</b> | 4" x 6" drill set kit  | Wood-to-bracket connection hardware for 4" x 6" post includes: <ul style="list-style-type: none"> <li>• (2) 1/2" x 5" zinc-plated Grade 5 bolts, washers, and nuts</li> <li>• (4) 5/16" x 3-1/2" Grade 5 galvanized Torx drive screw (Item HW35)</li> <li>• (2) 5/8" x 6" wedge anchor, screw type, zinc-plated (Item HW10)</li> </ul> |
| <b>HW63DS</b> | 3-Ply 6" drill set kit | Drill set hardware for 3-Ply 6" laminated column includes: <ul style="list-style-type: none"> <li>• (2) 1/2" x 6" zinc-plated Grade 5 bolts, washers, and nuts</li> <li>• (4) 5/16" x 3-1/2" Grade 5 galvanized Torx drive screw (Item HW35)</li> <li>• (2) 5/8" x 6" wedge anchor, screw type, zinc-plated (Item HW10)</li> </ul>     |
| <b>HW66DS</b> | 6" x 6" drill set kit  | Drill set hardware for 6" x 6" post includes: <ul style="list-style-type: none"> <li>• (2) 1/2" x 7" zinc-plated Grade 5 bolts, washers, and nuts</li> <li>• (4) 5/16" x 3-1/2" Grade 5 galvanized Torx drive screw (Item HW35)</li> <li>• (2) 5/8" x 6" wedge anchor, screw type, zinc-plated (Item HW10)</li> </ul>                  |
| <b>HW64DS</b> | 4-Ply 6" drill set kit | Drill set hardware for 4-Ply 6" laminated column includes: <ul style="list-style-type: none"> <li>• (2) 1/2" x 7-1/2" zinc-plated Grade 5 bolts, washers, and nuts</li> <li>• (4) 5/16" x 3-1/2" Grade 5 galvanized Torx drive screw (Item HW35)</li> <li>• (2) 5/8" x 6" wedge anchor, screw type, zinc-plated (Item HW10)</li> </ul> |
| <b>HW83DS</b> | 3-Ply 8" drill set kit | Drill set hardware for 3-Ply 8" laminated column includes: <ul style="list-style-type: none"> <li>• (2) 1/2" x 6" zinc-plated Grade 5 bolts, washers, and nuts</li> <li>• (8) 5/16" x 3-1/2" Grade 5 galvanized Torx drive screw (Item HW35)</li> <li>• (2) 5/8" x 6" wedge anchor, screw type, zinc-plated (Item HW10)</li> </ul>     |
| <b>HW84DS</b> | 4-Ply 8" drill set kit | Drill set hardware for 4-Ply 8" laminated column includes: <ul style="list-style-type: none"> <li>• (2) 1/2" x 7-1/2" zinc-plated Grade 5 bolts, washers, and nuts</li> <li>• (8) 5/16" x 3-1/2" Grade 5 galvanized Torx drive screw (Item HW35)</li> <li>• (2) 5/8" x 6" wedge anchor, screw type, zinc-plated (Item HW10)</li> </ul> |
| <b>HW85DS</b> | 5-Ply 8" drill set kit | Drill set hardware for 5-Ply 8" laminated column includes: <ul style="list-style-type: none"> <li>• (2) 1/2" x 9" zinc-plated Grade 5 bolts, washers, and nuts</li> <li>• (8) 5/16" x 3-1/2" Grade 5 galvanized Torx drive screw (Item HW35)</li> <li>• (2) 5/8" x 6" wedge anchor, screw type, zinc-plated (Item HW10)</li> </ul>     |
| <b>HW88DS</b> | 8" x 8" drill set kit  | Drill set hardware for 8" x 8" post includes: <ul style="list-style-type: none"> <li>• (2) 1/2" x 9-1/2" zinc-plated Grade 5 bolts, washers, and nuts</li> <li>• (8) 5/16" x 3-1/2" Grade 5 galvanized Torx drive screw (Item HW35)</li> <li>• (2) 5/8" x 6" wedge anchor, screw type, zinc-plated (Item HW10)</li> </ul>              |

# UPLIFT ANCHOR KITS

Uplift anchors are bolted to the existing precast pipe at the base of a Perma-Column®. The stated uplift protection is approximated for when the anchors are properly installed and back filled with dirt.

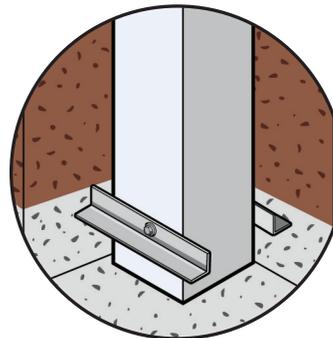


## UPLIFT ANCHOR KIT FOR PC 6" SERIES AND DECK POST

| Model ID    | Size   | Description                                                                                                                                                                   |
|-------------|--------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>UA61</b> | 8-1/2" | Kit includes:<br><ul style="list-style-type: none"> <li>• (2) 2" x 2" x 8-1/2" galvanized angles</li> <li>• (1) 1/2" x 6" galvanized Grade 5 bolt, nut, and washer</li> </ul> |
| <b>UA62</b> | 12"    | Kit includes:<br><ul style="list-style-type: none"> <li>• (2) 2" x 2" x 12" galvanized angles</li> <li>• (1) 1/2" x 6" galvanized Grade 5 bolt, nut, and washer</li> </ul>    |

## UPLIFT ANCHOR KIT FOR PC 8" SERIES

| Model ID    | Size   | Description                                                                                                                                                                   |
|-------------|--------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>UA81</b> | 8-1/2" | Kit includes:<br><ul style="list-style-type: none"> <li>• (2) 2" x 2" x 8-1/2" galvanized angles</li> <li>• (1) 1/2" x 8" galvanized Grade 5 bolt, nut, and washer</li> </ul> |
| <b>UA82</b> | 12"    | Kit includes:<br><ul style="list-style-type: none"> <li>• (2) 2" x 2" x 12" galvanized angles</li> <li>• (1) 1/2" x 8" galvanized Grade 5 bolt, nut, and washer</li> </ul>    |



# COLUMN EXTENDERS

Perma-Column® column extenders provide deeper post embedment.  
All kits include bolt, nut, and washer to connect with Perma-Column®.



## COLUMN EXTENDER FOR PC 6" SERIES AND DECK POST

| Model ID | Size | Description                                                                                                                                |
|----------|------|--------------------------------------------------------------------------------------------------------------------------------------------|
| CE61     | 12"  | 12" column extender for 6" Perma-Column® provides deeper post embedment. Kit includes bolt, nut, and washer to connect with Perma-Column®. |
| CE62     | 24"  | 24" column extender for 6" Perma-Column® provides deeper post embedment. Kit includes bolt, nut, and washer to connect with Perma-Column®. |

## COLUMN EXTENDER FOR PC 8" SERIES

| Model ID | Size | Description                                                                                                                                |
|----------|------|--------------------------------------------------------------------------------------------------------------------------------------------|
| CE81     | 12"  | 12" column extender for 8" Perma-Column® provides deeper post embedment. Kit includes bolt, nut, and washer to connect with Perma-Column®. |
| CE82     | 24"  | 24" column extender for 8" Perma-Column® provides deeper post embedment. Kit includes bolt, nut, and washer to connect with Perma-Column®. |

