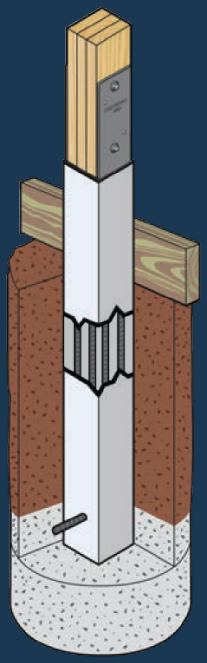
ROTTED POSTS?
PERMANENT SOLUTIONS

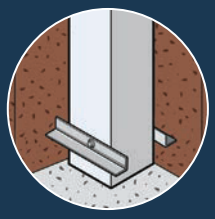
BEFORE

AFTER

TWO PERMANENT SOLUTIONS FOR ROTTED WOOD POSTS

When you discover rotted wood has undermined your post-frame building's foundation, restore its structural stability using one of our two replacement methods.



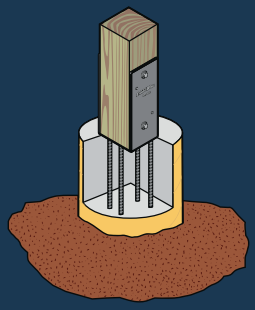


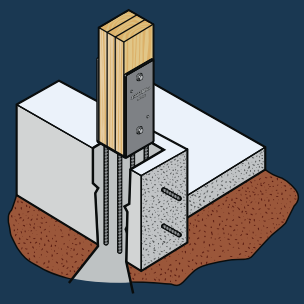
OPTIONAL
UPLIFT ANCHORS

OPTIONAL
COLUMN EXTENDER

Uplift kits and hardware sold separately.

Perma-Column®





Sturdi-Wall® Plus

REPAIR. REPLACE. RESTORE.

PERMA COLUMN®

ICC ES ESR-4238

Perma-Column® solution

Remove post

1. Locate rotted post to be replaced.
2. Detach siding and remove existing skirt board.
3. Dig down next to face and sides of rotted post with auger.
4. Support truss with brace and hydraulic jack.
5. Cut rotted post off at ground level. No measuring necessary at this point.
6. Remove rotted portion of post.

Prepare for new post

1. Clean out post hole to provide a level, compacted base. Insert a FootingPad® composite post foundation or a precast concrete cookie. Ready-mix concrete can also be used for post base.
2. Install pad and measure Perma-Column® for exact clearance needed. Note: Perma-Column® length may vary.
3. Mark existing post and cut to desired clearance for Perma-Column® installation.

Install Perma-Column®

1. Install and position Perma-Column®.
2. Install 1/4" x 3" wood screws. Drill and install 1/2" Grade 5 bolts. Length will vary based on model purchased.
3. Reattach siding and skirt board.

Available in 7 models

MODEL	SIZED TO FIT
PC4600	4" x 6" solid post
PC6300	3-Ply 6" column*
PC6400	4-Ply 6" column*
PC6600	6" x 6" solid post
PC8300	3-Ply 8" column*
PC8400	4-Ply 8" column*
PC8500	5-Ply 8" column*

**Nail or glu lam column*

The permanent post-frame foundation:

Wood elevated out of the ground

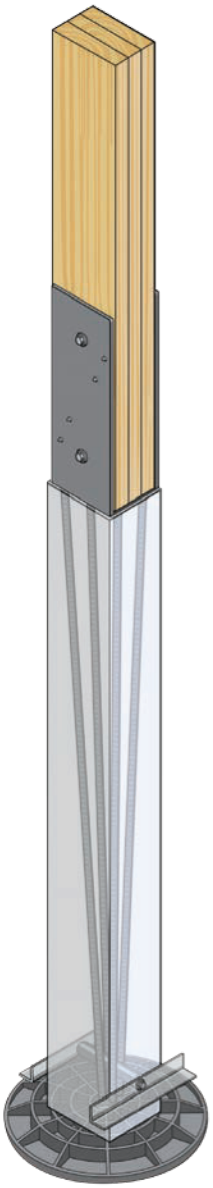
Steel for structural integrity

Precast concrete for lasting durability

FootingPad® Composite post foundation

ICC ES ESR-2147

FOOTINGPAD POST FOOTINGS












Hardware sold separately. Building renovation is hazardous and should only be performed by a construction professional.

REPAIR. REPLACE. RESTORE.

STURDI-WALL® BY PERMA-COLUMN | ICC ES ESR-4239

Sturdi-Wall® Plus solution

Remove post

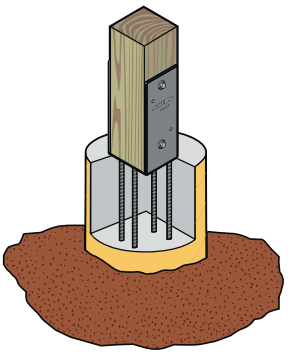
1. Dig soil away from rotted post.
2. Inspect treated lower board for decay; it may need to be replaced.
3. Brace rotted post by fastening a support beam under truss and lifting with an adequate-sized jack.
4. Make sure brace and jack assembly are installed safely and securely.

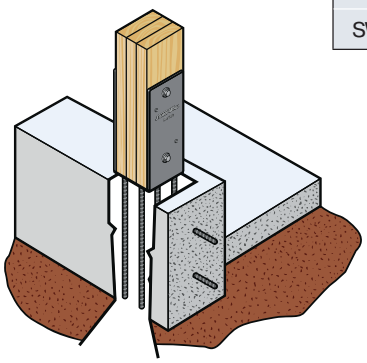
Sturdi-Wall® Plus bracket

1. Saw off rotted post approximately 3 inches below top of treated baseboard.
2. Remove rotted section of post.
3. Clean out all loose dirt from bottom of hole.
4. Tamp bottom of hole to ensure a solid base for poured concrete in Step 3.
5. Attach Sturdi-Wall® Plus bracket to bottom of post.
6. Install 1/4" x 3" wood screws. Drill and install 1/2" Grade 5 bolts. Length will vary based on model purchased.

Pour concrete

1. Use treated baseboard as outside form.
2. Install additional forming around base of Sturdi-Wall® Plus using plywood. Form should extend 2 to 3 inches beyond post on three sides and flush with baseboard.
3. Pour concrete to base of form and allow concrete to firm up slightly.
4. After previous pour has firmed, pour concrete to top of form (base of the bracket). Rod and tap concrete to ensure a completely consolidated fill under bracket. Do not over vibrate or aggregate will settle.
5. Remove brace and jack assembly after approximately 12 hours. Do not bump or load repaired post for 30 days.

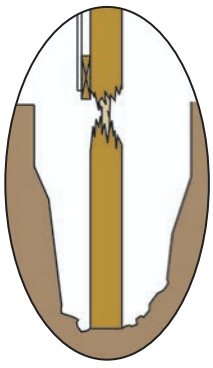




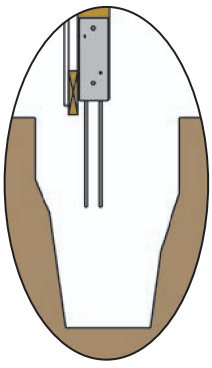
Available in 8 models

MODEL	SIZED TO FIT
SWP46	4" x 6" solid post
SWP63	3-Ply 6" column*
SWP64	4-Ply 6" column*
SWP66	6" x 6" solid post
SWP83	3-Ply 8" column*
SWP84	4-Ply 8" column*
SWP85	5-Ply 8" column* 8" x 8" solid post*
SWP88	8" x 8" arch. post*

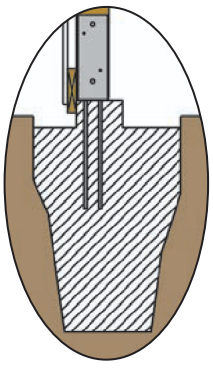
**Nail or glu lam column*



REMOVE POST



ATTACH BRACKET



POUR CONCRETE

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PRAISE FOR PERMA-COLUMN®

Tom Fulton
Huntington (Indiana) County Fair Board

"We found that all the posts on our 100-by-110-foot show area were nearly or completely rotted off below the ground. That much rot on treated wood was surprising in a building that is just 20 years old. After we did the work, it's like we have a new building."

Steve Cramer
Findlay, Ohio

"We have a 22-year-old pole barn and had been watching the condition of the poles for roughly a year. Nothing appeared abnormal above ground, but when we dug the wooden poles out we found that nearly all of them were well over 50 percent gone. This was an accident waiting to happen.

When we first saw Perma-Column, we knew that was our answer. They proved to be a cost- and time-effective means of solving our problem. Today we have a building that, in essence, has a concrete foundation with no wood in the ground."

PERMA COLUMN®

BUILD BETTER. BUILD STRONGER. BUILD TO LAST.

Locate a distributor near you:
permacolumn.com | 800-622-7190