



RBCP – Roof Boundary Clip with Prongs

A variation of the popular Roof Boundary Clip for shear load transfer, the RBCP features integral prongs on one side, allowing it to be easily pre-attached to the truss blocking that is supplied with the truss package. Not only does this option help ensure proper placement of the clip on the blocking, it also reduces the labor needed to install the blocking in the field. The RBCP is adjustable from 0 to 90° and can be used on wood or masonry walls.

Roof diaphragm boundary blocking attached with RBCPs:

- Effectively transfers shear loads from the roof diaphragm to the wall.
- Resists rotation and lateral displacement of rafter or truss.

Code references:

- IRC 2003, 2006 & 2009, R802.8 Lateral Support
- IBC 2003, 2006 & 2009, 2308.10.6 Blocking

- Allows proper boundary nailing of sheathing.

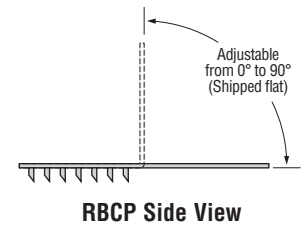
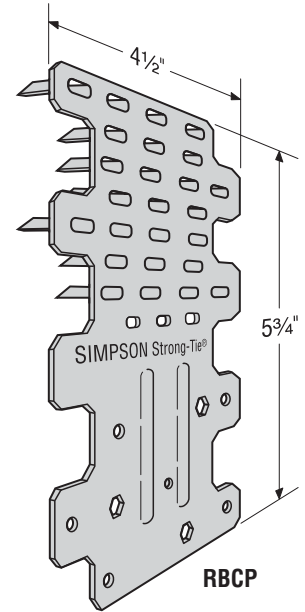
Code references:

- IRC 2003, 2006 & 2009, Table R602.3(1), footnote i
- IBC 2003 & 2006, 2305.1.4 Shear Panel Connections
- IBC 2009, 2305.1 and AF&PA SDPWS-2008, 4.1.7

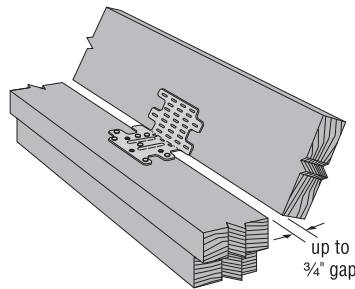
MATERIAL: 20 gauge **FINISH:** Galvanized

INSTALLATION (Pre-Assembled Block with RBCP):

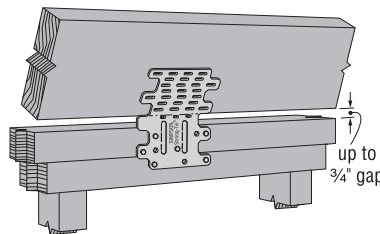
- Field bend RBCP to desired angle (one time only)
- Use all specified fasteners
- Can be installed with up to a 3/4" gap between plates and blocking



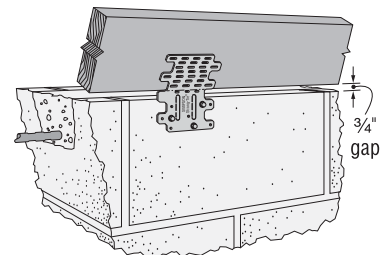
1 RBCP Installation on Inside of Wall



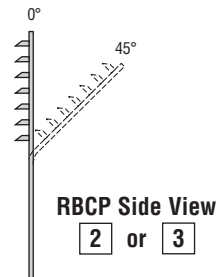
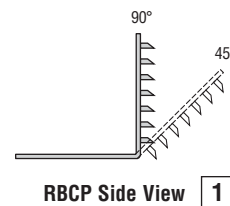
2 RBCP Installation on Outside of Wall



3 RBCP Installation to CMU Block



Model No.	Type of Connection	Bending Angle	Fasteners To Wall	Allowable Lateral Loads (160)	
				DF/SP	SPF/HF
RBCP	1	45° to 90°	6-10dx1½	445	380
	2	< 30°	6-10dx1½	435	375
		30° to 45°	6-10dx1½	480	415
3	0° to 45°	3-¼x2¼ Titen Screws ⁵	350	350	



1. Allowable loads are for one anchor attached to blocking minimum 1½" thick.
2. Allowable loads have been increased up to 60% for duration of load with no further increase allowed. Reduce where other loads govern.
3. The capacity of the blocking must be evaluated by the Designer.
4. 0.131x3" pneumatic nails may be substituted for the specified 10dx1 ½" nails with no reduction in load.
5. When attaching to concrete use 3 - ¼" x 1 ¾" Titen® screws.

See next page for vented-block installation.

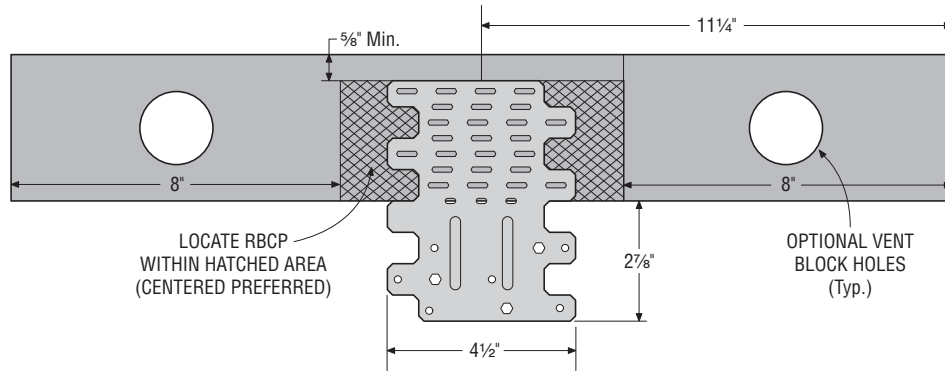
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INSTRUCTIONS FOR TRUSS BLOCKING SUPPLIER

Installation:

1. Bend holes shall be aligned along lower edge of block as shown in the drawing below.
2. All teeth in the RBCP shall be pressed (not hammered) into the block such that there is no more than a 1/32" gap between the face of the block and the bottom surface of the RBCP.
3. RBCP prongs shall be installed in clear wood (no knots, etc.).

Proper RBCP Location on 22.5" Solid or Two Hole Vent Block



Proper RBCP Location on 22.5" Three Hole Vent Block

