

RPS

Strap Ties

The RPS meets IBC, IRC and City of Los Angeles code requirements for HVAC and pipes in walls.

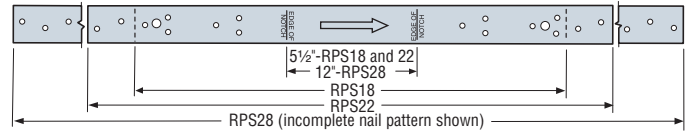
Finish: Galvanized. Some products available in ZMAX® coating. See Corrosion Information, pp. 12–15.

Installation:

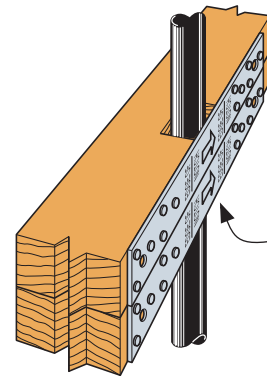
- Use all specified fasteners; see General Notes
- Use RPS22 or RPS28 (16 gauge) to reinforce top plate.
- Use RPS18Z, RPS22Z or RPS28Z (16-gauge ZMAX) to reinforce sill plate.

Codes: See p. 11 for Code Reference Key Chart

- International Residential Code® — 2012/2015/2018/**2021** R602.6.1
- International Building Code® — 2012 2308.9.8; 2015/2018/**2021** 2308.5.8



RPS



Typical RPS Installation
(only one strap may be necessary to meet IRC requirements)

These products are available with additional corrosion protection. For more information, see p. 14.

Model No.	Ga.	Dimensions (in.)		Notch Width (in.)	Fasteners (Total)	Allowable Tension Loads (DF/SP)	Allowable Tension Loads (SPF/HF)	Code Ref.
		W	L					
RPS18	16	1 1/2	18 5/8	≤ 5 1/2	(12) 0.162 x 2 1/2	1,345	1,165	IBC, FL, LA
RPS22		1 1/2	22 5/8	≤ 5 1/2	(12) 0.162 x 2 1/2	1,345	1,165	
		1 1/2	22 5/8		(16) 0.162 x 2 1/2	1,790	1,550	
RPS28		1 1/2	28 5/8	≤ 12	(12) 0.162 x 2 1/2	1,345	1,165	
	1 1/2	28 5/8	(16) 0.162 x 2 1/2		1,600	1,550		

1. Loads have been increased for wind or earthquake loading, with no further increase allowed. Reduce where other loads govern.
2. To meet the prescriptive IRC requirement, 0.148" x 1 1/2" nails may be used.
3. **Fasteners:** Nail dimensions are listed diameter by length. See pp. 21–22 for fastener information.