

NS/PSPNZ

Nail Stoppers

Nail stoppers help prevent nails from piercing pipes and electrical lines. Installed over utilities that pass through framing members.

PSPN516Z and PSPN58Z protecting shield plate nail stoppers meet IRC®, IBC® and the International Plumbing Code. PSPN516Z meets structural and protection requirements with one strap.

Material: NS — 14 gauge; PSPN — 16 gauge

Finish: Galvanized; PSPN — ZMAX® coating.

Installation:

- PSPN516Z — 0.162" x 3½" nails (see footnote 2 below)
- Other models — 0.131" x 2½" nails or prongs
- For more information refer to flier F-C-REPAIRPRO at strongtie.com

Codes: See p. 13 for Code Reference Key Chart

PSPN516Z at top plates

- International Residential Code® — 2015/2018/2021 P2603.2.1, R602.6.1 and M1308.2
- International Building Code® — 2015/2018/2021 2308.5.8
- International Plumbing Code — 2015/2018/2021 [305.6](#)

PSPN516Z at bottom plate.

- International Building Code — 2015/2018/2021 2308.5.8
- International Plumbing Code — 2015/2018/2021 [305.6](#)

PSPN58Z at top plates and bottom plate.

- International Plumbing Code — 2015/2018/2021 [305.6](#)
- International Residential Code — 2015/2018/2021 P2603.2.1 and M1308.2

NS1 and NS2 — Nail stops to protect supply lines from drywall nails or screws.

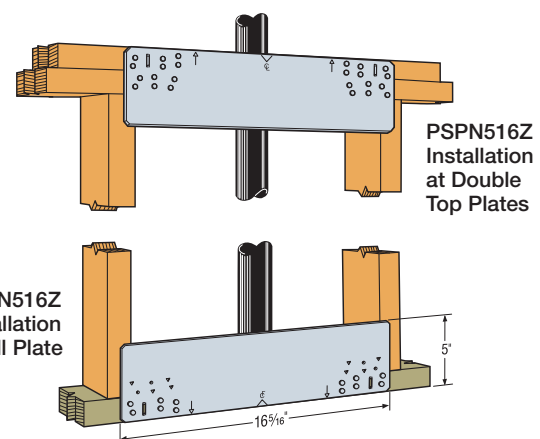
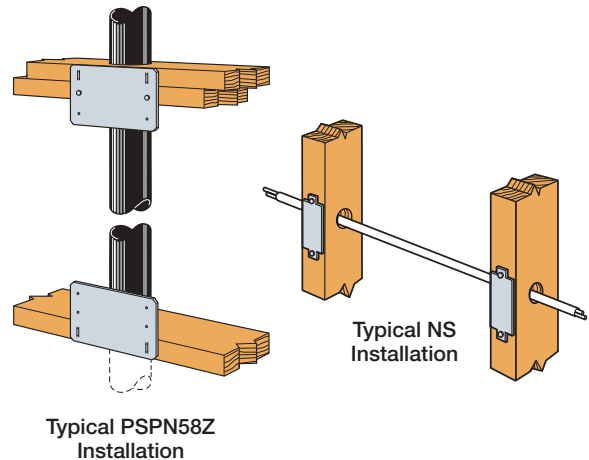
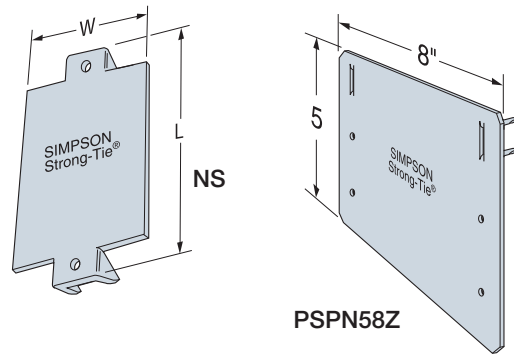
- International Residential Code — 2015/2018/2021 M1308.2 and P2603.2.1
- National Electric Code — 2014/2017 300.4
- International Plumbing Code — 2015/2018/2021 [305.6](#)
- International Mechanical Code — 2015/2018/2021 305.5

These products are available with additional corrosion protection. For more information, see p. 16.

SD Many of these products are approved for installation with Strong-Drive® SD Connector screws. See pp. 362–366 for more information.

Model No.	W (in.)	L (in.)	Fasteners (Total)	DF/SP Allowable Tension Load	Allowable Tension Load SPF/HF	Code Ref.
			Nails (in.)	(160)	(160)	
PSPN58Z	5	8	—	—	—	PR
PSPN516Z	5	16⅝	(12) 0.162 x 3½	1,320	1,145	
			(16) 0.162 x 3½	1,760	1,530	
			(24) 0.162 x 3½	2,640	2,290	

1. PSPN516Z sill plate installation requires (12) 0.162" x 3½" nails. Double top plate installation requires (16) or (24) 0.162" x 3½" nails.
 2. To meet the prescriptive IBC requirement, 0.135" dia. x 3½" long nails may be used. Allowable tension load is 0.75 of table loads when installed with 0.135" dia. x 3½" nails. To meet the 2012–2021 IRC prescriptive requirement, 0.148" dia. x 1½" long nails may be used.



Model No.	W (in.)	L (in.)	Code Ref.
NS1	1½	3	PR
NS2	1½	6	