

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: 16 gauge

Finish: Galvanized; PSPN — ZMAX® coating. See Corrosion Information, pp. 13–15.

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-REPRPROTECT at strongtie.com.

Codes: See p. 12 for Code Reference Key Chart

PSPN516Z (16-gauge ZMAX) at top plates

- International Residential Code® — 2012/2015/2018 P2603.2.1 and R602.6.1
- International Building Code® — 2012/2015/2018 2308.5.8
- International Plumbing Code — 2012/2015 305.6

PSPN516Z (16-gauge ZMAX) at bottom plate.

- International Building Code® — 2012/2015/2018 2308.5.8
- International Plumbing Code — 2012/2015 305.6

PSPN58Z (16-gauge ZMAX) at top plates and bottom plate.

- International Plumbing Code — 2012/2015 305.6
- International Residential Code® — 2012/2015/2018 P2603.2.1

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

- International Residential Code® — 2012/2015/2018 Table E3802.1
- National Electric Code — 2008/2011/2014 300.4

These products are available with additional corrosion protection. For more information, see p. 15.

SD Many of these products are approved for installation with Strong-Drive® SD Connector screws. See pp. 335–337 for more information.

Model No.	W (in.)	L (in.)	Code Ref.
NS1	1½	3	PR
NS2	1½	6	
PSPN58Z	5	8	
PSPN516Z	5	16½	

1. PSPN516Z allowable loads are as follows: Sill plate installation — (12) 0.162" x 3½" nails achieves 1,320 lb. for DF/SP and 1,145 lb. for SPF/HF. Double top plates installation — (16) 0.162" x 3½" nails achieves 1,760 lb. for DF/SP and 1,530 lb. for SPF/HF (IRC) and (24) 0.162" x 3½" nails achieves 2,640 lb. for DF/SP and 2,290 lb. for SPF/HF (IBC).

2. To meet the prescriptive IRC requirement, 0.135" x 3½" nails may be used.

