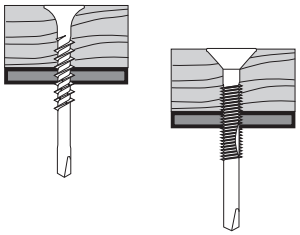
PRIMESOURCE BUILDING PRODUCTS, INC.

# SPEC DATA *Submittal Sheet # 038*

PRO-TWIST

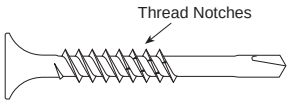
## PILOT POINT SELF DRILLING SCREWS

Plywood or exterior sheathing to steel.






COMBO DRIVE

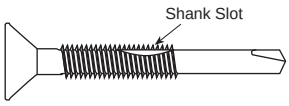



PP2 - Bugle Head - #8

## Product Specifications




COMBO DRIVE




PP212 - Flat Head - #10

| Part # | Dia. | Length | TPI | Bulk Qty | Finish | Corrosion | Head | Head Dia. | Thread | Drill Pt. |
|---|---|---|---|---|---|---|---|---|---|---|
| PP2 | 8 | 2 | 16 | 4M | PGP | 1000 hr. min. B-117 | Bugle | 8.00-8.50 mm | Coarse | 2 |
| PP212 | 10 | 2-1/2 | 24 | 2M | PGP | 1000 hr. min. B-117 | Flat | 9.88-11.1 mm | Fine | 3 |

**Pro-Twist drill screws meet or exceed ASTM C-954 and/or C-1513**

| Drill Capacity | | | |
|---|---|---|---|
| Part # | Wood | Min. | Max. |
| PP2 | 3/4” | .033” Steel | .105” Steel |
| PP212 | 1-1/8” | .110” Steel | .175” Steel |

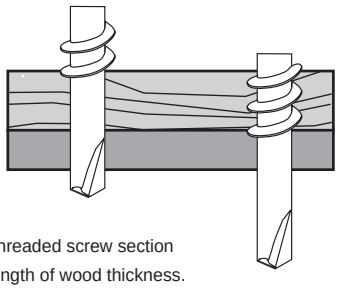
| PrimeGuard Plus | | |
|---|---|---|
| Corrosion Resistance | Applied Via | Guarantee |
| 1000 hr. min. B-117<br>12 Cycles Kesternich* | Multi-Step Proprietary Process | Lifetime |

*Kesternich is an acid test protocol meeting DIN 50018, ASTM G-87

| Self-Drilling Screws Ultimate Connection Value Chart | | | | |
|---|---|---|---|---|
| Dia. | Metal Gauge/1lb | Tension (Pull) Lbs. 1 Pc. | Shear Lbs. Metal to Metal | Torsional Strength |
| 8 | 20 | 285 | 829 | 42 lbs. |
| | 18 | 444 | 994 | |
| | 16 | 550 | 1096 | |
| | 14 | 924 | 1332 | |
| | 12 | 1100 | 1337 | |
| 10 | 20 | 389 | 811 | 61 lbs. |
| | 18 | 554 | 1223 | |
| | 16 | 727 | 1492 | |
| | 14 | 1050 | 1545 | |
| | 12 | 1216 | 1650 | |

**Use Pilot Point Dart to attach 1/2” or greater wood to 18 ga. or thicker steel.**

Purpose of Pilot: to prevent “Jacking Action”



Unthreaded screw section is length of wood thickness. Allows drilling without thread engagement.

Thread engages after hole is drilled.

Ultimate Value Charts
Screws driven into steel were driven with three exposed threads on the off side of the connection, then pulled out with testing machine.

Note that all results were obtained in strict adherence to ASTM test protocol. These ultimate figures are offered only as a guide and are not guaranteed in any way by PrimeSource Building Products. A 4:1 safety ratio is recommended.

Installation Guidelines
0-2500rpm Screwgun with torque adjustment - Overdriving may result in fastener failure or stripout of the work surface
The fastener is fully seated when the head’s bearing surface is flush with the surface material.
The fastener must penetrate beyond the metal a minimum of three threads to comply with the code.

**ALL PRIMESOURCE FASTENERS ARE MANUFACTURED IN AN ISO 9002 AND ISO 14001 CERTIFIED AND APPROVED FACTORY TO PRIMESOURCE PERFORMANCE SPECIFICATIONS AND PRINT DRAWINGS.**



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