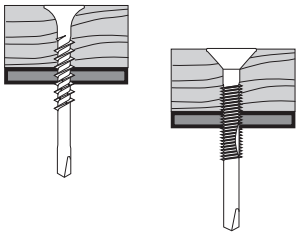
PRIMESOURCE BUILDING PRODUCTS, INC.

SPEC DATA *Submittal Sheet # 038*

PRO-TWIST

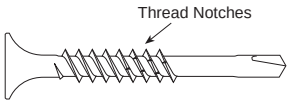
PILOT POINT SELF DRILLING SCREWS

Plywood or exterior sheathing to steel.





COMBO DRIVE

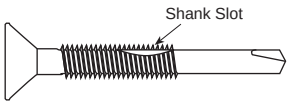


PP2 - Bugle Head - #8

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

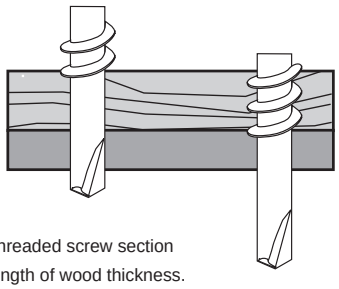
PrimeGuard Plus		
Corrosion Resistance	Applied Via	Guarantee
1000 hr. min. B-117 12 Cycles Kesternich*	Multi-Step Proprietary Process	Lifetime

*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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