

### 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 countersunk in the drywall.

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 9001 CERTIFIED AND APPROVED FACTORY TO PRIMESOURCE® PERFORMANCE SPECIFICATIONS AND PRINT DRAWINGS.

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# SPEC DATA Submittal Sheet # 023

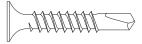
## **BUGLE HEAD SELF-DRILL SCREW - ZINC**

Drywall to Steel





## **Product Specifications**



#2 Reduced Phillips

Part #	Dia.	Length	TPI	Bulk Qty	Finish	Corrosion	Thread	Head Dia.	Drill Capacity
SDZ100	6	1	20	10M	Zinc	24 hr. min. B-117	FULL	8.0-8.5 mm	.033"112"
SDZ118	6	1-1/8	20	10M	Zinc	24 hr. min. B-117	FULL	8.0-8.5 mm	.033"112"
SDZ114	6	1-1/4	20	8M	Zinc	24 hr. min. B-117	FULL	8.0-8.5 mm	.033"112"
SDZ158	6	1-5/8	20	5M	Zinc	24 hr. min. B-117	FULL	8.0-8.5 mm	.033"112"
SDZ178	6	1-7/8	20	4M	Zinc	24 hr. min. B-117	FULL	8.0-8.5 mm	.033"112"
SDZ238	8	2-3/8	18	3M	Zinc	24 hr. min. B-117	2"	8.0-8.5 mm	.033"112"
SDZ258	8	2-5/8	18	2M	Zinc	24 hr. min. B-117	2"	8.0-8.5 mm	.033"112"
SDZ300	8	3	18	2M	Zinc	24 hr. min. B-117	2"	8.0-8.5 mm	.033"112"

### Pro-Twist<sup>®</sup> drill screws meet or exceed ASTM C-954 and/or C-1513

S	Self-Drilling Screws Ultimate Connection Value Chart								
Dia.	Nominal Screw Dia. (in)	Metal Gauge 1 (Lb)	Tension (Pull) Lbs 1 pc	Shear Lbs. Metal to metal	Minimum Torsional Strength (Lb)				
		25	128						
		22	176	449					
		20	263	683					
6	0.138	18	426	728	24				
		16	598	1091					
		14	911						
		12	1156						
		25	97						
		22	196	580					
		20	285	829					
8	0.164	18	444	994	42				
0	0.104	16	550	1096	42				
		14	924	1332					
		12	1100	1337					

### **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<sup>®</sup> Building Products. A 4:1 safety ratio is recommended.

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# SPEC DATA Submittal Sheet # 024

## BUGLE HEAD SELF-DRILL SCREW **BLACK PHOSPHATE**

Drywall to Steel





## **Product Specifications**

#2 Reduced Phillips

Part #	Dia.	Length	TPI	Bulk Qty	Finish	Corrosion	Thread	Head Dia.	Drill Capacity
SD100	6	1	20	10M	Black Phos.	48 hr. min. B-117	FULL	8.0-8.5 mm	.033"112"
SD118	6	1-1/8	20	10M	Black Phos.	48 hr. min. B-117	FULL	8.0-8.5 mm	.033"112"
SD114	6	1-1/4	20	8M	Black Phos.	48 hr. min. B-117	FULL	8.0-8.5 mm	.033"112"
SD158	6	1-5/8	20	5M	Black Phos.	48 hr. min. B-117	FULL	8.0-8.5 mm	.033"112"
SD178	6	1-7/8	20	4M	Black Phos.	48 hr. min. B-117	FULL	8.0-8.5 mm	.033"112"
SD238	8	2-3/8	18	3M	Black Phos.	48 hr. min. B-117	2"	8.0-8.5 mm	.033"112"
SD258	8	2-5/8	18	2M	Black Phos.	48 hr. min. B-117	2"	8.0-8.5 mm	.033"112"
SD300	8	3	18	2M	Black Phos.	48 hr. min. B-117	2"	8.0-8.5 mm	.033"112"

### Pro-Twist<sup>®</sup> drill screws meet or exceed ASTM C-954 and/or C-1513

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		22	176	449					
		20	263	683					
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		16	598	1091					
		14	911						
		12	1156						
		25	97						
		22	196	580					
		20	285	829					
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		14	924	1332					
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