

## PRODUCT SUBMITTAL

**Submitted to:**

Project:

Date of Submittal:

**Submitted by, Contact name:**

Company:

Address:

Phone:

Email:

Approved

Approved as Noted

Not Approved

Comments:

By:

Date:

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List of items from Table A submitted for the project:

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## Product Family - S-PBF - SCORPION-Self-Piercing Bugle Head Fine Thread

TABLE A

Item Number	Screw Size (#)	Length (in.)	Head Style	Head Diameter (in.)	TPI	Point Size/Style	Coating	Maximum Total Drilling Thickness (in.)	Drive Type	Bulk/Collated Quantity
SP100	6	1	Bugle	0.325	17	Streaker®	Phosphate	0.033	#2 Phillips	10,000
SP100Z	6	1	Bugle	0.325	17	Streaker®	Clear Zinc	0.033	#2 Phillips	10,000
SP118	6	1-1/8	Bugle	0.325	17	Streaker®	Phosphate	0.033	#2 Phillips	10,000
SP118Z	6	1-1/8	Bugle	0.325	17	Streaker®	Clear Zinc	0.033	#2 Phillips	10,000
SP114	6	1-1/4	Bugle	0.325	17	Streaker®	Phosphate	0.033	#2 Phillips	8,000
SP114Z	6	1-1/4	Bugle	0.325	17	Streaker®	Clear Zinc	0.033	#2 Phillips	8,000
LAM	10	1-1/2	Bugle	0.354	8	Sharp	Phosphate	0.015 - 0.033	#2 Phillips	5,000
SP158	6	1-5/8	Bugle	0.325	17	Streaker®	Phosphate	0.033	#2 Phillips	5,000
SP158Z	6	1-5/8	Bugle	0.325	17	Streaker®	Clear Zinc	0.033	#2 Phillips	5,000
SP200	6	2	Bugle	0.325	17	Streaker®	Phosphate	0.033	#2 Phillips	3,500
SP200Z	6	2	Bugle	0.325	17	Streaker®	Clear Zinc	0.033	#2 Phillips	3,500
SP214	6	2-1/4	Bugle	0.325	17	Streaker®	Phosphate	0.033	#2 Phillips	3,000
SP214Z	6	2-1/4	Bugle	0.325	17	Streaker®	Clear Zinc	0.033	#2 Phillips	3,000
SP212	8	2-1/2	Bugle	0.325	15	Streaker®	Phosphate	0.033	#2 Phillips	2,500
SP212Z	8	2-1/2	Bugle	0.325	15	Streaker®	Clear Zinc	0.033	#2 Phillips	2,500
SP300	8	3	Bugle	0.325	15	Streaker®	Phosphate	0.033	#2 Phillips	2,000
SP300Z	8	3	Bugle	0.325	15	Streaker®	Clear Zinc	0.033	#2 Phillips	2,000
SP312	10	3-1/2	Bugle	0.354	12	Streaker®	Phosphate	0.033	#2 Phillips	1,000
SP400	10	4	Bugle	0.354	12	Streaker®	Phosphate	0.033	#2 Phillips	1,000
SP600	10	6	Bugle	0.354	12	Streaker®	Phosphate	0.033	#2 Phillips	1,000

Item Number Code: PP = 1-lb, FP = 5-lb, CP = Count Pack

Suffixes: Z = Clear Zinc

Description: Bugle head Streaker thread screw used in light-gauge (see TABLE A - Maximum Total Drilling Thickness) steel applications. The Streaker has a twin-thread, single-lead design for faster assembly. Self-tapping Streaker is designed for penetration into light-gauge steel. Item LAM (Laminator screw\*) are used for applying gypsum board to gypsum board.

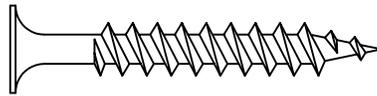
SPECIAL NOTE: Laminator screws may also be used for attaching the "higher density tapered edge" of gypsum board to the increasingly popular thinner 0.015-in. EQ studs, significantly reducing the chance of screw spin-out.

Directions: Use a standard screwgun with a depth sensitive nose piece. Suggested screwgun specification for optimal performance - Gauges #6 to #10, up to 4,000 RPM. For gypsum board, the bugle head is fully seated when the screw is below the surface of the wallboard in accordance with Section 7.2.2 of ASTM C1002. Overdriving may result in failure of the fastener. The fastener must penetrate beyond the metal a minimum of three full threads.

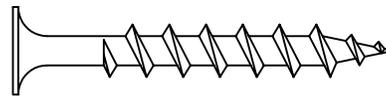
Corrosion: For Corrosion Resistance Testing Results, see TABLE B.

Certifications: S-PBF fasteners are used for gypsum board to light-gauge steel applications and comply with ASTM C1002 requirements.

### S-PBF - SCORPION-Self-Piercing Bugle Head Fine Thread



Streaker Thread  
Twin Thread, Single Lead design for faster installation



Laminator  
Gypsum board to gypsum board  
and 0.015-in EQ studs

TABLE B

CORROSION RESISTANCE TESTING RESULTS			
Finish	Test	Standard/Protocol	Results (minimum)
Phosphate	Salt Spray	ASTM B117	24 hours, no red rust
(Z) Clear Zinc	Salt Spray	ASTM B117	12 hours, no red rust

NOTE: Salt Spray Testing (SST) results are not intended to predict corrosion resistance in real-world environments. The ASTM B117 standard for SST is recognized industry-wide as an effective tool to compare different metals and different metal coatings in a tightly controlled highly corrosive environment for specific periods of time. For more information about corrosion resistance, see the *Grabber Guide to Corrosion Resistance for Fasteners*.

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