

PRODUCT SUBMITTAL

Submitted to:

Project:

Date of Submittal:

Submitted by, Contact name:

Company:

Address:

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Approved

Approved as Noted

Not Approved

Comments:

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By:

Date:

List of items from Table A submitted for the project:

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Product Family - S-PBH - SCORPION-Self-Piercing Bugle Head Hi-Lo Thread

TABLE A

Item Number	Screw Size (#)	Length	Head Style	Head Diameter	TPI	Point Style	Coating	Maximum Total Drilling Thickness	Drive Type	Bulk/Collated Quantity
SST100	6	1-in.	Bugle	0.325-in	18 Hi-Lo	Streaker®	Phosphate	0.033-in.	#2 Phillips	10,000
SST114	6	1-1/4-in.	Bugle	0.325-in	18 Hi-Lo	Streaker®	Phosphate	0.033-in.	#2 Phillips	8,000
SSTZ114	6	1-1/4-in.	Bugle	0.325-in	18 Hi-Lo	Streaker®	Clear Zinc	0.033-in.	#2 Phillips	8,000
SST158	6	1-5/8-in.	Bugle	0.325-in	18 Hi-Lo	Streaker®	Phosphate	0.033-in.	#2 Phillips	5,000
SSTZ158	6	1-5/8-in.	Bugle	0.325-in	18 Hi-Lo	Streaker®	Clear Zinc	0.033-in.	#2 Phillips	5,000
SSTZ200	6	2-in.	Bugle	0.325-in	18 Hi-Lo	Streaker®	Clear Zinc	0.033-in.	#2 Phillips	3,500
SST200	6	2-in.	Bugle	0.325-in	18 Hi-Lo	Streaker®	Phosphate	0.033-in.	#2 Phillips	3,500
SST034	6	3/4-in.	Bugle	0.325-in	18 Hi-Lo	Streaker®	Phosphate	0.033-in.	#2 Phillips	12,000
SST214	7	2-1/4-in.	Bugle	0.325-in	16 Hi-Lo	Streaker®	Phosphate	0.033-in.	#2 Phillips	3,000
SST212	8	2-1/2-in.	Bugle	0.325-in	15 Hi-Lo	Streaker®	Phosphate	0.033-in.	#2 Phillips	2,500
SSTZ212	8	2-1/2-in.	Bugle	0.325-in	15 Hi-Lo	Streaker®	Clear Zinc	0.033-in.	#2 Phillips	2,500
SSTZ300	8	3-in.	Bugle	0.325-in	15 Hi-Lo	Streaker®	Clear Zinc	0.033-in.	#2 Phillips	2,000
SST300	8	3-in.	Bugle	0.325-in	15 Hi-Lo	Streaker®	Phosphate	0.033-in.	#2 Phillips	2,000
SST312	10	3-1/2-in.	Bugle	0.343-in	14 Hi-Lo	Streaker®	Phosphate	0.033-in.	#2 Phillips	1,000
SST400	10	4-in.	Bugle	0.343-in	14 Hi-Lo	Streaker®	Phosphate	0.033-in.	#2 Phillips	1,000
SST412	10	4-1/2-in.	Bugle	0.343-in	14 Hi-Lo	Streaker®	Phosphate	0.033-in.	#2 Phillips	1,000
SST500	10	5-in.	Bugle	0.343-in	14 Hi-Lo	Streaker®	Phosphate	0.033-in.	#2 Phillips	1,000
SST600	10	6-in.	Bugle	0.343-in	14 Hi-Lo	Streaker®	Phosphate	0.033-in.	#2 Phillips	1,000

Item Number Code: PP = 1-lb, FP = 5-lb, CP = Count Pack, Z = Clear Zinc, B = Collated

Description: Bugle head Hi-Lo thread screw used in light-gauge (see TABLE A - Maximum Total Drilling Thickness) steel applications. Self-tapping Hi-Lo thread is designed for penetration into light-gauge steel.

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-PBH fasteners are used for gypsum board to light-gauge steel applications and comply with ASTM C1002 requirements.

S-PBH - SCORPION-Self-Piercing Bugle Head Hi-Lo Thread



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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