

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:

List of items from Table A submitted for the project:

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Product Family - S-PBC - SCORPION-Self-Piercing Bugle Head Coarse Thread

TABLE A

Item Number	Screw Size (#)	Length (in.)	Head Style	Head Diameter (in.)	TPI	Point Size/Style	Coating	Drive Type	Bulk Quantity
HT100	6	1-in.	Bugle	0.325-in	9	Sharp	Phosphate	#2 Phillips	10,000
HT100Z	6	1-in.	Bugle	0.325-in	9	Sharp	Clear Zinc	#2 Phillips	10,000
HT114	6	1-1/4-in.	Bugle	0.325-in	9	Sharp	Phosphate	#2 Phillips	8,000
HT114Z	6	1-1/4-in.	Bugle	0.325-in	9	Sharp	Clear Zinc	#2 Phillips	8,000
HTYZ114	6	1-1/4-in.	Bugle	0.325-in	9	Sharp	Yellow Zinc	#2 Phillips	8,000
HTXT114	6	1-1/4-in.	Bugle	0.325-in	9	Sharp	NanoGard®	#2 Phillips	8,000
HT118	6	1-1/8-in.	Bugle	0.325-in	9	Sharp	Phosphate	#2 Phillips	10,000
HT118Z	6	1-1/8-in.	Bugle	0.325-in	9	Sharp	Clear Zinc	#2 Phillips	10,000
HT158	6	1-5/8-in.	Bugle	0.325-in	9	Sharp	Phosphate	#2 Phillips	5,000
HT158Z	6	1-5/8-in.	Bugle	0.325-in	9	Sharp	Clear Zinc	#2 Phillips	5,000
HTYZ158	6	1-5/8-in.	Bugle	0.325-in	9	Sharp	Yellow Zinc	#2 Phillips	5,000
HT200	6	2-in.	Bugle	0.325-in	9	Sharp	Phosphate	#2 Phillips	3,500
HT200Z	6	2-in.	Bugle	0.325-in	9	Sharp	Clear Zinc	#2 Phillips	3,500
HTYZ200	6	2-in.	Bugle	0.325-in	9	Sharp	Yellow Zinc	#2 Phillips	3,500
HT214	6	2-1/4-in.	Bugle	0.325-in	9	Sharp	Phosphate	#2 Phillips	3,000
HT214Z	6	2-1/4-in.	Bugle	0.325-in	9	Sharp	Clear Zinc	#2 Phillips	3,000
HT212	8	2-1/2-in.	Bugle	0.325-in	8	Sharp	Phosphate	#2 Phillips	2,500
HT212Z	8	2-1/2-in.	Bugle	0.325-in	8	Sharp	Clear Zinc	#2 Phillips	2,500
HTYZ212	8	2-1/2-in.	Bugle	0.325-in	8	Sharp	Yellow Zinc	#2 Phillips	2,500
HT300	8	3-in.	Bugle	0.325-in	8	Sharp	Phosphate	#2 Phillips	2,000
HT300Z	8	3-in.	Bugle	0.325-in	8	Sharp	Clear Zinc	#2 Phillips	2,000
HTYZ300	8	3-in.	Bugle	0.325-in	8	Sharp	Yellow Zinc	#2 Phillips	2,000
HT312	10	3-1/2-in.	Bugle	0.354-in	8	Sharp	Phosphate	#2 Phillips	1,000
HT312Z	10	3-1/2-in.	Bugle	0.354-in	8	Sharp	Clear Zinc	#2 Phillips	1,000
HT400	10	4-in.	Bugle	0.354-in	8	Sharp	Phosphate	#2 Phillips	1,000
HT400Z	10	4-in.	Bugle	0.354-in	8	Sharp	Clear Zinc	#2 Phillips	1,000
LAM	10	1-1/2-in.	Bugle	0.354-in	8	Sharp	Phosphate	#2 Phillips	5,000

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

Description: Bugle head screw used to apply gypsum board to wood. Item LAM (Laminator screws) are used for applying gypsum board to gypsum board.

SPECIAL NOTE: Laminator (LAM) 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-PBC fasteners are used for gypsum board-to-wood applications (except as noted above) and comply with ASTM C1002 requirements.

S-PBC - SCORPION-Self-Piercing Bugle Head Coarse Thread



TABLE B

CORROSION RESISTANCE TESTING RESULTS			
Finish	Test	Standard/Protocol	Results (minimum)
NanoGard®	Salt Spray	ASTM B117	1000 hours, no red rust
Phosphate	Salt Spray	ASTM B117	24 hours, no red rust
(Z) Clear Zinc	Salt Spray	ASTM B117	12 hours, no red rust
(YZ) Yellow Zinc	Salt Spray	ASTM B117	24 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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