

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-PFC - SCORPION-Self-Piercing Flat Head Coarse Thread

TABLE A

Item Number	Screw Size (#)	Length	Head Style	Head Diameter	TPI	Point Size/Style	Coating	Drive Type	Bulk/Collated Quantity	Applications
HT8034Z	8	3/4-in.	Flat	0.312-in	8	Type 17 Point	Clear Zinc	#2 Square	10,000	Wood to wood
HT8100Z	8	1-in.	Flat	0.312-in	8	Type 17 Point	Clear Zinc	#2 Square	13,000	Wood to wood
HT8114Z	8	1-1/4-in.	Flat	0.312-in	8	Type 17 Point	Clear Zinc	#2 Square	8,000	Wood to wood
HT8112Z	8	1-1/2-in.	Flat	0.312-in	8	Type 17 Point	Clear Zinc	#2 Square	6,000	Wood to wood
HT8134Z	8	1-3/4-in.	Flat	0.312-in	8	Type 17 Point	Clear Zinc	#2 Square	4,000	Wood to wood
HT8200Z	8	2-in.	Flat	0.312-in	8	Type 17 Point	Clear Zinc	#2 Square	3,500	Wood to wood
HT8214Z	8	2-1/4-in.	Flat	0.312-in	8	Type 17 Point	Clear Zinc	#2 Square	3,000	Wood to wood
HT8212Z	8	2-1/2-in.	Flat	0.312-in	8	Type 17 Point	Clear Zinc	#2 Square	2,500	Wood to wood
HT8300Z	8	3-in.	Flat	0.312-in	8	Type 17 Point	Clear Zinc	#2 Square	2,000	Wood to wood
ST114	8	1-1/4-in.	Flat	0.318-in.	9	Type 17 Point	305 Stainless Steel	#2 Square	5,000	Treated lumber deck applications
ST112	8	1-1/2-in.	Flat	0.318-in.	9	Type 17 Point	305 Stainless Steel	#2 Square	4,000	Treated lumber deck applications
ST158	8	1-5/8-in.	Flat	0.318-in.	9	Type 17 Point	305 Stainless Steel	#2 Square	5,000	Treated lumber deck applications
ST200	8	2-in.	Flat	0.318-in.	9	Type 17 Point	305 Stainless Steel	#2 Square	3,000	Treated lumber deck applications
ST214	8	2-1/4-in.	Flat	0.318-in.	9	Type 17 Point	305 Stainless Steel	#2 Square	2,500	Treated lumber deck applications
ST212	10	2-1/2-in.	Flat	0.358-in.	8	Type 17 Point	305 Stainless Steel	#2 Square	2,000	Treated lumber deck applications
ST300	10	3-in.	Flat	0.358-in.	8	Type 17 Point	305 Stainless Steel	#2 Square	1,500	Treated lumber deck applications
ST312	10	3-1/2-in.	Flat	0.358-in.	8	Type 17 Point	305 Stainless Steel	#2 Square	1,000	Treated lumber deck applications
ST400	10	4-in.	Flat	0.358-in.	8	Type 17 Point	305 Stainless Steel	#2 Square	1,000	Treated lumber deck applications
IRON214	9	2-1/4-in.	Flat	0.335-in.	8	Type 17 Point	305 Stainless Steel	#2 Phillips	2,500	Treated lumber deck applications
TXT114	6	1-1/4-in.	Flat	0.303-in.	10	Type 17 Point	NanoGard®	T20	8,000	Treated lumber deck applications
TXT200	7	2-in.	Flat	0.303-in.	9	Type 17 Point	NanoGard®	T20	3,500	Treated lumber deck applications
TXT214	8	2-1/4-in.	Flat	0.318-in.	9	Type 17 Point	NanoGard®	T20	2,500	Treated lumber deck applications
TXT212	8	2-1/2-in.	Flat	0.318-in.	9	Type 17 Point	NanoGard®	T20	2,500	Treated lumber deck applications
TXT300	9	3-in.	Flat	0.318-in.	9	Type 17 Point	NanoGard®	T20	2,000	Treated lumber deck applications
TXT312	10	3-1/2-in.	Flat	0.358-in.	8	Type 17 Point	NanoGard®	T25	1,000	Treated lumber deck applications
TXT400	10	4-in.	Flat	0.358-in.	8	Type 17 Point	NanoGard®	T25	1,000	Treated lumber deck applications
TXT500	10	5-in.	Flat	0.358-in.	8	Type 17 Point	NanoGard®	T25	1,000	Treated lumber deck applications
XT114	6	1-1/4-in.	Flat	0.303-in.	10	Type 17 Point	NanoGard®	#2 Square	8,000	Treated lumber deck applications
XT112	6	1-1/2-in.	Flat	0.303-in.	10	Type 17 Point	NanoGard®	#2 Square	5,000	Treated lumber deck applications
XT200	6	2-in.	Flat	0.303-in.	10	Type 17 Point	NanoGard®	#2 Square	3,500	Treated lumber deck applications
XT214	8	2-1/4-in.	Flat	0.318-in.	9	Type 17 Point	NanoGard®	#2 Square	3,000	Treated lumber deck applications
XT212	8	2-1/2-in.	Flat	0.318-in.	9	Type 17 Point	NanoGard®	#2 Square	2,500	Treated lumber deck applications
XT300	9	3-in.	Flat	0.318-in.	9	Type 17 Point	NanoGard®	#2 Square	2,000	Treated lumber deck applications
XT312	10	3-1/2-in.	Flat	0.358-in.	8	Type 17 Point	NanoGard®	#2 Square	1,000	Treated lumber deck applications
XT400	10	4-in.	Flat	0.358-in.	8	Type 17 Point	NanoGard®	#2 Square	1,000	Treated lumber deck applications
XT500	10	5-in.	Flat	0.358-in.	8	Type 17 Point	NanoGard®	#2 Square	1,000	Treated lumber deck applications

Item Number Code: PP = 1-lb, FP = 5-lb, CP = Count Pack, Z = Clear Zinc, ST = 305 Stainless Steel

Description: Self-piercing flat head screw used in wood-to-wood applications.

Directions: Use a standard screwgun with a depth sensitive nose piece. Suggested screwgun specification for optimal performance - Size #6 - #10, up to 4,000 RPM. Overdriving may result in failure of the fastener.

Corrosion: For corrosion resistance results, see Table B.

S-PFC - SCORPION-Self-Piercing Flat Head Coarse Thread

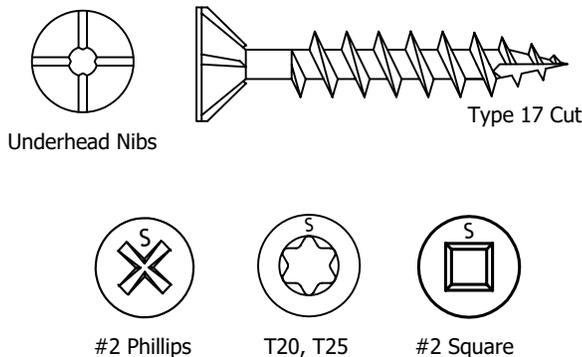


TABLE B

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

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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