

PRODUCT SUBMITTAL

Submitted to:

Project:

Date of Submittal:

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Approved

Approved as Noted

Not Approved

Comments:

By:

Date:

Product Family: AEL - Acoustical Eye Lag

TABLE A

Item Number	Screw Size (#)	Length	Head Style	TPI	Thread Length	Point Size/Style	Coating	Maximum Total Drilling Thickness (in.)	Drive Type	Bulk Quantity	Application
3EL	1/4-in	3-in	Eye Lag	11	1-1/2-in	Sharp	Phosphate		Eye-Lag Driver - ELAT	1,000	Acoustical wire to wood
4EL	1/4-in	4-in	Eye Lag	11	1-1/2-in	Sharp	Phosphate		Eye-Lag Driver - ELAT	1,000	Acoustical wire to wood
5EL	1/4-in	5-in	Eye Lag	11	1-1/2-in	Sharp	Phosphate		Eye-Lag Driver - ELAT	1,000	Acoustical wire to wood
3ELZ	1/4-in	3-in	Eye Lag	11	1-1/2-in	Sharp	Clear Zinc		Eye-Lag Driver - ELAT	1,000	Acoustical wire to wood
4ELZ	1/4-in	4-in	Eye Lag	11	1-1/2-in	Sharp	Clear Zinc		Eye-Lag Driver - ELAT	1,000	Acoustical wire to wood
5ELZ	1/4-in	5-in	Eye Lag	11	1-1/2-in	Sharp	Clear Zinc		Eye-Lag Driver - ELAT	1,000	Acoustical wire to wood
H-1	1/4-in	3-in	Eye Lag	14	1-3/4-in	2	Clear Zinc	0.220	Eye-Lag Driver - ELAT	1,000	Acoustical wire to metal up to 0.220-in.
H-2	1/4-in	2-in	Eye Lag	14	3/4-in	2	Clear Zinc	0.220	Eye-Lag Driver - ELAT	1,000	Acoustical wire to metal up to 0.220-in.
H-3	1/4-in	2-3/4-in	Eye Lag	14	1-1/2-in	Sharp	Clear Zinc	0.033	Eye-Lag Driver - ELAT	1,000	Acoustical wire to metal up to 0.033-in.

Prefix: VB = 5-lb bucket

Description: Acoustical Eye Lag screws are used to attach acoustical ceiling wire to wood, light-gauge steel or heavy-gauge steel applications (see TABLE A - Maximum Total Drilling Thickness).

Directions: Use an eye lag installation tool (item ELAT) to install eye lag screws into wood, light-gauge steel or heavy gauge steel according to Table 5 using a standard screwgun with a maximum of 200 RPM. In metal applications, the fastener must penetrate beyond the metal a minimum of three full threads. The screws and ceiling wire must be installed vertically to ensure that the tension load is applied along the axis of the screw.

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

Certifications: All GRABBER® screw products are manufactured in facilities that are ISO 9001 certified.

AEL - Acoustical Eye Lag





Heavy-gauge metal	Light-gauge metal	Wood	
			
H-1 and H-2 Clear Zinc	H-3 Clear Zinc	3EL, 4EL, and 5EL Phosphate	3ELZ, 4ELZ, and 5ELZ Clear Zinc

TABLE B

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

Grabber's approved mills keep tight control over all production standards and processes. Grabber's mills are ISO 9001 ensuring Grabber fasteners meet or exceed the highest industry standards.

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