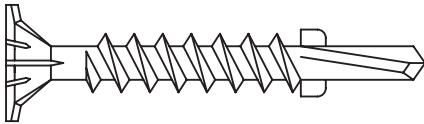
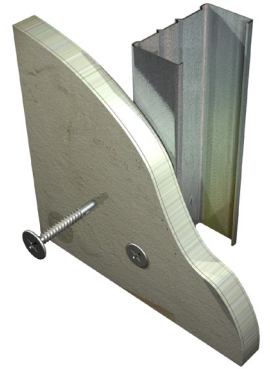


Cement Board**Product #290****GRABBER® Structural Panel fastener** (1 OF 2)**Designed for Structural Panels.****Finish - GRABBERGARD**Wafer
Head

Drill Point



LOX #2

APPLICATIONS

- ▶ For attachment of structural panels, sheathing, siding, OSB or plywood to steel.

PRODUCT FEATURES

- ▶ The Structural Panel screw has "reamer nibs" under the head to ease countersinking and leave smooth clean edges.
- ▶ Wings allow the screw to drill into the metal without clogging the threads and racking/lifting the material before it penetrates through the metal.

SPECIFICATIONS

- ▶ Gauge - #8
- ▶ Length – 1-1/4" to 2-3/8"
- ▶ Head Type – Thin Wafer
- ▶ Recess Type – LOX® #2
- ▶ Thread Type – Single Lead
- ▶ Finish – GRABBERGARD
- ▶ Head diameter - .372 inch
- ▶ GRABBER screws are manufactured in an ISO 9001 and ISO 14001 certified and approved factory. Specific approved fasteners are listed in ICC ESR-4223.

INSTALLATION GUIDELINES

- ▶ Use a standard screwgun with a depth-sensitive nose piece. Suggested screwgun specification for optimal performance – 4 amps minimum and RPM range of 0 to 2,500.
- ▶ Proper depth setting is paramount in this application.
- ▶ Overdriving may result in failure of the fastener or stripout of the work surface.
- ▶ The fastener must penetrate beyond the metal a minimum of three full thread pitches.

Cement Board

Product #290

GRABBER® Structural Panel fastener (2 OF 2)

PRODUCT SIZES AND ORDERING INFORMATION

Catalog No.	Gauge/Length	Length Metric	Quantity Per Carton	Weight Per Carton
CGH8114LG	#8x1-1/4"	32 mm	5 M	32.00(lbs)
CGH8158LG	#8x1-5/8"	41 mm	4 M	30.00(lbs)
CGH8238LG	#8x2-3/8"	63 mm	1 M	30.00(lbs)

*Collated screw packaging option available on selected items.

PRODUCT DIMENSIONS (MILLIMETERS)

Gauge	B Head Dia	W Gauging Width	d1 Minor Dia	d2 Major Dia	TPI
#8	9.45	#2	3.0	4.1	18

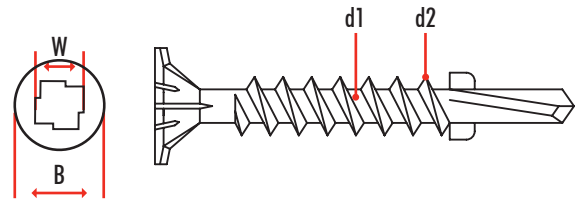
STANDARD CORROSION TEST RESULTS

Finish	Test	Standard/Protocol	Results
GRABBERGARD	Salt Spray Results	ASTM B117	1,000 hours, no red rust
GRABBERGARD	Kesternich Results	DIN 50018, 2.0L	15 cycles, no red rust

Allowable Pull-out Test Data**

Screw Gauge	Metal Gauge	Tension (lbs.)
#8	12	430
	16	190
	20	57

**GRABBER fasteners are not categorized as structural bolts. The figures listed above are allowable average values achieved under independent laboratory conditions, and apply to GRABBER Line fasteners only. Refer to ESR-4223.



DRILLING CAPACITY

Screw Gauge	Drill Point	Max Panel Thickness	Steel Thickness Gauge Range
8	3	0.100-0.140	20-12

All GRABBER® screw products are manufactured in facilities that are ISO 9001 and ISO 14001 certified and approved. The fasteners comply with ASTM C1513. Specific approved fasteners are listed in ICC ESR-4223. GRABBER®, STREAKER®, DRIVALL®, LOX®, GRABBERGARD® and SCAVENGER® are registered trademarks of Grabber Construction Products, Inc.

