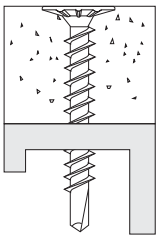
PRIMESOURCE BUILDING PRODUCTS, INC.

SPEC DATA *Submittal Sheet # 011*

CEMENT BOARD DRILL SCREWS

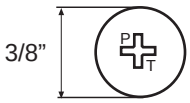
Attachment of Cement boards to steel from 20 ~ 14 gauge steel



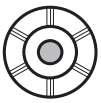
Cement Board has mesh on both sides with the cement in the middle. The cement board requires a large wafer style head (3/8”), in order for the fastener to hold properly by catching in the mesh squares. There are spade and drill point designs available

Brand Name Examples of Cement Board

Wonderboard® Fiberock® Durock® PermaBase and PermaBase Flex

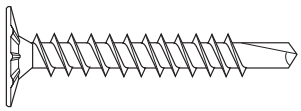


Wafer Head
Reduced #2 Phillips



Cutting Nibs
under head

Product Specifications

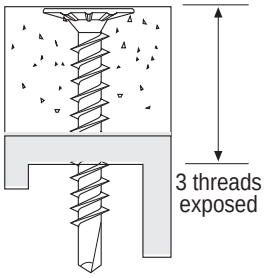


Part #	Dia.	Length	TPI	Bulk Qty	Finish	Head	Head Dia.	Drill Capacity
CBD114	8	1-1/4	18	5M	PrimeGuard Plus	Wafer w/ nibs	9.9-10.5 mm	.035”-.100”
CBD158	8	1-5/8	18	5M	PrimeGuard Plus	Wafer w/ nibs	9.9-10.5 mm	.035”-.100”

Pro-Twist drill screws meet or exceed ASTM C-954 and/or C-1513

PrimeGuard Plus		
Corrosion Resistance	Applied Via	Guarantee
1000 hr. min. B-117 12 Cycles Kesternich*	Multi-Step Proprietary Process	Lifetime

*Kesternich is an acid test protocol meeting DIN 50018, ASTM G-87



Self-Drilling Screws Ultimate Connection Value Chart				
Dia.	Metal Gauge/1lb	Tension (Pull) lbs. 1 Pc.	Shear Strength (lbs)	Torque Strength (lbs)
8	20	285	1232	45
	18	444		
	16	502		
	14	924		
	12	1100		

Ultimate Value Charts
Screws driven into steel were driven with three exposed threads on the off side of the connection, then pulled out with testing machine.

Note that all results were obtained in strict adherence to ASTM test protocol. These ultimate figures are offered only as a guide and are not guaranteed in any way by PrimeSource Building Products. A 4:1 safety ratio is recommended.

Installation Guidelines
0-2500rpm Screwgun with torque adjustment - Overdriving may result in fastener failure or stripout of the work surface
The fastener is fully seated when the head’s bearing surface is flush with the cement board material.
The fastener must penetrate beyond the metal a minimum of three threads to comply with the code.

ALL PRIMESOURCE FASTENERS ARE MANUFACTURED IN AN ISO 9002 AND ISO 14001 CERTIFIED AND APPROVED FACTORY TO PRIMESOURCE PERFORMANCE SPECIFICATIONS AND PRINT DRAWINGS.

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