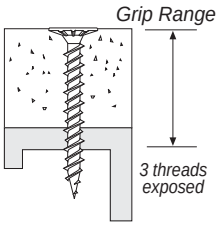
PRIMESOURCE BUILDING PRODUCTS, INC.

SPEC DATA *Submittal Sheet # 016*

CEMENT BOARD SELF-PIERCING SCREWS

Attachment of Cement board to wood or 25 ~ 20 gauge steel

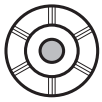
Cement Board has mesh on both sides with the cement in the middle. The cement board requires a large wafer style head (3/8"), in order for the fastener to hold properly by catching in the mesh squares. There are sharp and drill point designs available.



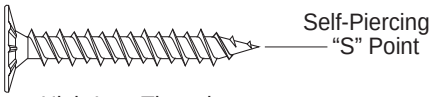
Brand Name Examples of Cement Board

PermaBase® and PermaBase Flex® Wonderboard® Fiberock® Durock®

Wafer Head
Reduced #2 Phillips


Cutting Nibs
under head

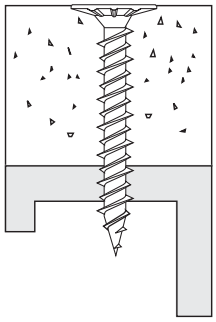
Product Specifications



High-Low Threads

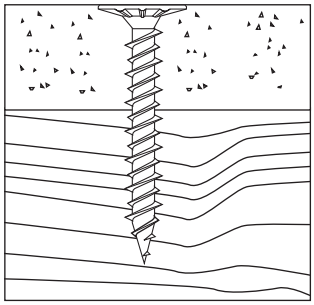
Part #	Dia.	Length	TPI	Bulk Qty	Finish	Head	Head Dia.	Point	Thread
CB114	8	1-1/4	16	5M	PrimeGuard Plus	Wafer w/ nibs	9.9-10.5 mm	Twin Lead	High-Low
CB158	8	1-5/8	16	5M	PrimeGuard Plus	Wafer w/ nibs	9.9-10.5 mm	Twin Lead	High-Low
CB214	8	2-1/4	16	3M	PrimeGuard Plus	Wafer w/ nibs	9.9-10.5 mm	Twin Lead	High-Low

Pro-Twist sharp cement board screws meet or exceed ASTM 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



Ultimate Connection Value Chart				
Dia.	Tension (Pull) lbs. 1 Pc.		Shear Strength (lbs)	Torque Strength (lbs)
	20 ga. Steel	3/4" Plywood		
8	285	336	1125	45

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. Wood Withdrawal: screws driven 3/4" into wood 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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