

PermaBASE™ Cement Board Screws

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Technical Information
800.NATIONAL • 800.628.4662

DESCRIPTION

PermaBASE™ Cement Board Screws are corrosion-resistant screws specifically designed to be used with PermaBASE® Cement Boards.

BASIC USES

Applications

Used to attach PermaBASE Cement Board and other approved tile backers to wood or steel studs, plywood subfloors, ceilings and countertops.

Advantages

- Self-drilling and self-tapping versions available.
- Used for interior and exterior applications.
- Large diameter, low profile wafer-type head for more secure attachment.
- Durable, corrosion-resistant coating.
- No ribs under head, preventing reinforcing mesh damage.
- Packaged in convenient jars and pails for jobsite durability.
- Available in 1-1/4", 2" and 2-1/2" lengths for optimal framing penetration.

INSTALLATION

- Drive screws to where screw-heads are flush with the panel surface. Do not countersink or overdrive screws.
- Screw must be driven straight for proper performance.
- Install screws 3/8" to 5/8" from edges of panels.
- Recommended screw spacing is 8" o.c. for walls, floors and countertops, and 6" o.c. for ceilings.
- Metal screws are designed to attach cement board to steel studs of 20 to 12 gauge.

TECHNICAL DATA

Property	Standard	Result
Coating type	N/A	Zinc plated with chemical coating
Recess	N/A	Philips #2
Thread/point (wood)	N/A	#10-16 / Hi-Lo
Thread/point (metal)	N/A	#8-18 / #10-18 / Type S-12
Head Diameter	N/A	0.45" (11.4 mm)
Salt Spray Resistance	ASTM B117 (0% rust)	1,000 hrs

Available Sizes

Size	Length	Thread/Point	Quantities
Wood Screws			
#10-16	1-1/4"	Hi-Lo	1,000/Jar
#10-16	2"	Hi-Lo	2,000/Pail
#10-16	2-1/2"	Hi-Lo	2,000/Pail
Metal Screws			
#8-18	1-1/4"	Drill Point	1,000/Jar
#8-18	2"	Drill Point	2,000/Pail
#10-16	2-1/2"	Drill Point	1,500/Pail

Estimated Screw Requirements

Board Size	Application	Screws per Board	Screws per Sq. Ft.
4'x8'	Wall	52	1.625
4'x8'	Ceiling	63	2
3'x5'	Wall	36	2.4
3'x5'	Floor	60	4

Job Name _____

Contractor _____ Date _____

Submittal Approvals: (Stamps or Signatures)

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FOR MORE INFORMATION

Architectural Specifications

PermaBASE Building Products CSI MasterFormat® 3-part guide specifications are downloadable as editable Microsoft® Word documents at: permabase.com.

Latest Technical Information and Update

Visit permabase.com or call National Gypsum Company Construction Services: 1-800-NATIONAL (628-4662).

Technical Information *Información Técnica*

1-800-NATIONAL®
1-800-628-4662

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PermaBASE®
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