

PermaBASE™ Cement Board Screws

09 28 00 / NGC

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)

PermaBASE™ Cement Board Screws

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

National Gypsum Company is the exclusive service provider for products offered or manufactured by PermaBASE Building Products, LLC.

PermaBASE Cement Board Screws are offered by PermaBASE Building Products, LLC to be used with PermaBASE® Cement Boards.



National Gypsum Company is the exclusive service provider for products offered or manufactured by PermaBASE Building Products, LLC.

PermaBASE®
Building Products

PermaBASE Building Products, LLC
2001 Rexford Road
Charlotte, NC 28211
704.365.7300
permabase.com