PermaBASE WATERPROOF WP CEMENT BOARD



Your Solution for Waterproof Applications

National Gypsum®

Exclusive service provider of products manufactured by PermaBASE Building Products, LLC.



1. Fiberglass Mesh/Mat
2. EdgeTech® Reinforced Edge
3. Cementitious Core
4. Fiberglass Mesh

PermaBASE WP® Waterproof Cement Board combines the strength and benefits of PermaBASE® Cement Board with a proprietary waterproofing formulation. Intended for use in wet areas around tubs and showers, PermaBASE WP is perfect for instances where liquid waterproofing has historically been applied over cement boards.

- Waterproof core
- Moisture & mold resistant
- EdgeTech® reinforced edge
- Easier cut & faster install
- Smoother surface/stronger bond
- True 1/2" thickness
- Lighter weight

GREENGUARD
PRODUCT CERTIFIED FOR LOW CHEMICAL EMISSIONS
UL.COM/GG
UL 2818
GOLD



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- **IBC/IRC Compliant**. Meets ASTM C1325.
- **No water penetration** when tested in accordance with ANSI A118.10.
- **Eliminates the need for additional waterproofing membrane**.
- **EdgeTech® reinforced edge** allows for closer fastener application of nails or screws at the edge without crumbling or spinout.
- **Resists the growth of mold** per ASTM D3273 with a score of 10, the best possible score.
- **Can be cut using a standard utility knife.**
- **Qualifies as a low-VOC emitting material** by meeting California Specification 01350. For more information: calrecycle.ca.gov/greenbuilding/specs/section01350.
- **Achieves UL GREENGUARD Gold Certification.** UL GREENGUARD certified products are certified to UL GREENGUARD standards for low chemical emissions into indoor air during product usage.
- **To create a waterproof system**, just coat finished joints and fastener heads with liquid waterproofing.



TECHNICAL DATA

Property	Method	Results
Thickness, Nominal	ASTM C473	1/2" (12.7 mm)
Weight, Nominal		2.5 lbs./sq. ft.
Flexural Strength	ASTM C947	≥ 750 psi
Fastener Holding (Wet and Dry)	ASTM D1037	≥ 90 lbs.
Freeze/Thaw Cycles	ASTM C666	> 100
Compressive Strength	ASTM D2394	1250 psi
Bending Radius		5' (1,524 mm)
Thermal Resistance	ASTM C518	R = .37, K = 2.7
Permeance	ASTM E96	> 10 perms
Water Absorption (% of Weight)	ASTM C473	< 8%
Falling Ball Impact (12' drop)	ASTM D1037	Pass
Linear Expansion with Change Moisture	ASTM D1037	≤ 0.07%
Mold Resistance	ASTM D3273	Score of 10
Mold Resistance	ASTM G21	Score of 0
Shear Bond Strength 7 Days (psi)		
Dry-Set Portland Cement Mortar	ANSI A118.1	Pass
Latex-Portland Cement Mortar	ANSI A118.4	Pass
Organic Adhesives Type 1	ANSI A136.1	Pass
Product Standard Compliance	ASTM C1325	
Fire-Resistance Characteristics		
Core Type		N/A
UL Type Designation		PermaBASE PLUS
Surface Burning Characteristics		Class A
Flame Spread		0
Smoke Development		0

SIZE AND PACKAGING

Thickness, Width And Length	Pieces per Unit
1/2" x 36" x 5' (12.7 mm x 914 mm x 1,524 mm)	50
1/2" x 48" x 8' (12.7 mm x 1,219 mm x 2,438 mm)	40

TECHNICAL INFORMATION

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®
Building Products

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