

Perma**BASE**
ULTRA
BACKER[®]
CEMENT BOARD



**Trusted Underlayment
for Floors and Countertops**

National 
Gypsum[®]

Exclusive service provider of
PermaBASE Building Products, LLC



PermaBASE
ULTRA
BACKER
 CEMENT BOARD

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

PermaBASE UltraBacker® Cement Board features a smooth mesh and mat surface that creates a more rigid and easier to handle product and an improved surface providing superior tile bond. It is ideally suited as an underlayment for ceramic tile on floors, countertops, tub decks and outdoor kitchen counters.

Features/Benefits:

- Smoother surface/stronger bond
- Moisture & mold resistant
- Easy to cut - speeds up installation
- EdgeTech® Reinforced Edge
- GREENGUARD Gold Certification



- **Provides an exceptionally hard, durable surface** and can withstand prolonged exposure to moisture.
- **No need to modify adjacent thresholds** when abutting to carpet, wood flooring or other common flooring materials, due to 1/4" (6.4 mm) thickness.
- **EdgeTech® Reinforced Edge** allows for more secure application of fasteners closer to the edge.
- **Works with all brands of thin-sets and grouts.**
- **Qualifies as a low-VOC emitting material** by meeting California Specification 01350.
- **Limited lifetime product warranty** for interior installations.



TECHNICAL DATA

Property	Method	Results
Thickness, Nominal	ASTM C473	1/4" (6.4 mm)
Weight, Nominal		1.8 lbs./sq. ft. (8.8 k/m ²)
Edges		Round
Flexural Strength	ASTM C947	≥ 1,750 lbf.
Fastener Holding (Wet and Dry)	ASTM D1037	≥ 90 lbs.
Freeze/Thaw Cycles	ASTM C666	100
Compressive Strength	ASTM D2394	N/A
Thermal Resistance	ASTM C518	R = .2, K = 2.7
Permeance	ASTM E96	> 10 perms
Water Absorption (% of Weight)	ASTM C473	< 8%
Falling Ball Impact (12" Drop)	ASTM D1037	Pass
Linear Variation with Change Moisture	ASTM D1037	≤ 0.07%
Mold Resistance	ASTM D3273	Score of 10
Mold Resistance	ASTM G21	Score of 0
Product Standard Compliance	ASTM C1325	

Fire-Resistance Characteristics

Core Type	N/A
UL Type Designation	N/A
Surface Burning Characteristics	Class A
Flame Spread	0
Smoke Development	0

SIZE AND PACKAGING

Thickness, Width and Length	Pieces per Unit
1/4" x 36" x 5' (6.4 mm x 914 mm x 1,524 mm)	60

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

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

PermaBASE UltraBacker® Cement Board is manufactured by PermaBASE Building Products, LLC.

PermaBASE®
Building Products

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