

PermaBase BRAND
Flex®
Cement Board



Perma**BASE**
BRAND
FLEX®
Cement Board

**Great at
Handling
Curves!**

National 
Gypsum®

PermaBase BRAND Flex[®] Cement Board

Description

PermaBase BRAND Flex[®] Cement Board is a polymer-modified cement board reinforced with an alkali-resistant fiber mesh. It is ideal for use around beams, columns, arches, archways, curved walls, ceilings and anywhere an evenly curved surface is required.

Applications

- Radius wall construction
- Exterior and interior columns
- Barrel ceilings
- Radius shower walls
- Radius tub step-ups
- Radius archways
- Radius stair construction
- Saunas and steamrooms

Features/Benefits

- 6" (150 mm) minimum radius for 90° corners.
- The only 1/2" lightweight cement board that bends.
- Can be bent without water saturation or kerf cuts.
- Easy installation, reduces labor costs.
- Easy to cut and fasten with screws.

- Impact resistant.
- Creates uniform curved surfaces.
- Low water absorption, unaffected by water or moisture.
- Dimensionally stable.
- Can be used for interior/ exterior applications such as thin veneer stone and/or cement board stucco.

Limitations

PermaBase Flex has the same limitations as PermaBase with the following additions:

- For convex surfaces, PermaBase Flex must be applied with the rough surface and tapered edges exposed.
- For concave surfaces, PermaBase Flex must be applied with the smooth surface exposed.
- PermaBase Flex Cement Board should not be used for fire-rated assemblies.
- Maximum framing spacing should not exceed 8" o.c. Maximum fastener spacing should not exceed 8" o.c. for wall and 6" o.c. for ceiling applications.

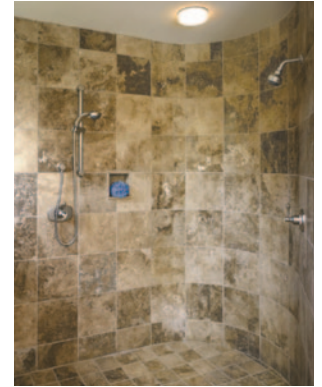
Sizes/Packaging

Thickness: 1/2" (12.7 mm)

Sizes: 3' (914 mm) x 6' (1829 mm)
25 boards per unit

4' (1219 mm) x 8' (2438 mm)
30 boards per unit

Interior Installation



Exterior Installation



Technical Data

PHYSICAL PROPERTIES		
Property	Test Method	PermaBase Flex
Compressive Strength (psi) (Indentation)	ASTM D 2394	1022
Weight (psf)	ASTM C 473	3.0 (14.6 kg/m)
Water Absorption (%) by Weight/24 Hours	ASTM C 473	Less than 8
Falling Ball Impact (12" drop)	ASTM D 1037	Pass

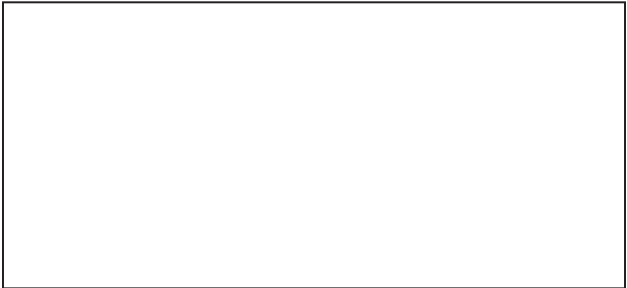
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Important Things to Know

- Professional's choice for walls, showers, floors, countertops, exterior thin brick, stone and tile.
- Fastening close to the edge is a breeze thanks to the patented reinforced edge.
- Cuts easily with a standard utility knife.
- Approved for interior and exterior applications.
- PermaBase Flex carries a Lifetime Limited Warranty for interior applications and a 15-year Limited Warranty for exterior applications.
- Code approved for wet area installations per ASTM C 1325.
- **Mold resistant** with lowest water absorption and best tile bond.



Available from:



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