

PermaBase Flex[®] BRAND Cement Board



Perma
BASE[®]
BRAND FLEX
Cement Board

National 
Gypsum[®]

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Description

PermaBase[®] Flex BRAND 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 skilled labor costs.
- Easy to cut and install with screws.
- Can be used for interior or exterior applications.
- Impact resistant.
- Creates uniform curved surfaces.
- Low water absorption, unaffected by water or moisture.
- Dimensionally stable.

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)
 Width: 4' (1219 mm)
 Length: 8' (2438 mm)
 Mass: 2.85 lb./ft. (13.9 kg/m)
 Packaging: 30 boards per package.

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	2.8
Water Absorption (%) by Weight/24 Hours	ASTM C 473	Less than 8
Falling Ball Impact (12" drop)	ASTM D 1037	Pass



Corporate Headquarters

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Excellence Across The Board[®]