PermaBase Flex® BRAND Cement Board

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

Interior Installation

Exterior Installation

Technical Data

<table>
<thead>
<tr>
<th>Property</th>
<th>Test Method</th>
<th>PermaBase Flex</th>
</tr>
</thead>
<tbody>
<tr>
<td>Compressive Strength (psi) (Indentation)</td>
<td>ASTM D 2394</td>
<td>1022</td>
</tr>
<tr>
<td>Weight (psf)</td>
<td>ASTM C 473</td>
<td>2.8</td>
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<tr>
<td>Water Absorption (% by Weight/24 Hours)</td>
<td>ASTM C 473</td>
<td>Less than 8</td>
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<tr>
<td>Falling Ball Impact (12” drop)</td>
<td>ASTM D 1037</td>
<td>Pass</td>
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</tbody>
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