

SoundBreak XP Ceiling® Board - Installation Recommendations



General Instructions

- Install SoundBreak XP Ceiling Board with methods described in ASTM C840, GA-216 and tested fire- and sound-rated assemblies.
- Examine and inspect framing materials to which ceiling board is to be applied. Remedy all defects prior to installation of the ceiling board.
- GridMarX provides quick identification and uniform nail/screw patterns. Use GridMarX to make accurate cuts without drawing lines. GridMarX guide marks run the length of the board at five points in 4 in. (102 mm) increments. Marks run along the edge in both tapers and at 16 in. (406 mm), 24 in. (610 mm) and 32 in. (813 mm) in the field of the board. The marks cover easily with no bleed-through using standard paint products.
- Apply ceiling board first to ceilings at right angles to framing members. Use boards of maximum practical length so that the minimum number of end joints occur. Bring board edges into contact with each other but do not force into place.
- Install batt or blanket ceiling insulation before the board when installing a vapor retarder behind the ceiling board. Install the insulation immediately after the ceiling board when

using loose fill insulation. Avoid installation practices that might allow condensation to form behind boards.

- The use of a hand or electric saw is recommended for cutting 3/4 in. SoundBreak XP Ceiling Board.
- Provide minimum 1/4 in. (6.4 mm) clearance between boards and adjacent concrete or

fasteners with heads slightly below the surface of the board. Take care to avoid breaking the face paper of the ceiling board. Remove improperly driven nails or screws.

- Maintain a room temperature of not less than 40°F (4°C) during application of ceiling board.
- Maintain a room temperature of not less than 50°F (10°C) during



masonry to minimize wicking of moisture.

- Hold ceiling board in firm contact with the framing member while driving fasteners. Fastening should proceed from center portion of the board toward the edges and ends. Set

application of joint treatment, texturing and decoration, beginning 48 hours prior to application and continuously thereafter until completely dry. Maintain adequate ventilation in the working area during installation and curing period.



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Finishing

Refer to GA-214, Recommended Levels of Finish for Gypsum Board, Glass Mat and Fiber-Reinforced Gypsum Panels, to determine the level of finishing needed to assure a surface properly prepared to accept the desired decoration.

Decoration

Ensure gypsum board surfaces, including finished joints, are clean, dust-free and gloss-free to achieve best painting results. Apply a coat of a quality drywall primer to equalize the porosities between surface paper and joint compound, improving fastener and joint concealment.

Selection of a paint to provide desired finish characteristics is the responsibility of the architect or contractor.

Prepare and prime gypsum boards prior to texturing.

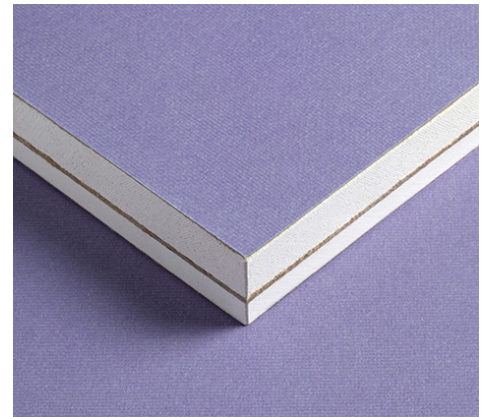
Refer to GA-214 to determine the level of finishing needed to assure a surface properly prepared to accept the desired decoration.

Limitations

- Avoid exposure to excessive or continuous moisture and extreme temperatures. Do not expose ceiling board to temperatures exceeding 125°F (52°C) for extended periods of time.
- Properly ventilate or condition attic spaces to remove moisture buildup above ceilings.
- Avoid installing ceiling board directly over insulation blankets with facer flanges placed continuously across the face of the framing members; recess insulation blankets and attach flanges to the sides of framing.
- Provide control joints spaced not more than 30 ft. (9,144 mm) where employing long continuous runs of ceilings without perimeter relief.
- Do not use boards as a nailing base as they are nonstructural.
- Avoid using in areas subject to constant and/or excessive moisture and high humidity, such as gang showers, saunas, steam rooms or swimming pool enclosures.
- Avoid using as a backer board directly behind tile in tub and shower areas.
- Do not install or treat joints until the building is properly enclosed.

Critical Lighting Areas

Ceiling areas abutting skylights, long hallways, and atriums with large surface areas washed with artificial or natural lighting are a few examples of critical lighting areas. Strong side lighting from windows or surface-mounted light fixtures may reveal minor surface imperfections. Light striking the surface obliquely, at a slight angle, exaggerates surface irregularities. If you cannot avoid critical lighting, minimize the effects by skim coating the ceiling board surfaces, by decorating the surface with medium to heavy textures, or by the use of draperies and blinds, which soften shadows. In general, paints with sheen levels other than flat, enamel paints and dark-toned paint finishes highlight surface defects; consider using textures to hide these minor visual imperfections. If necessary, finish boards to a Level 5 finish, as outlined in GA-214.



1. Heavy Mold- and Moisture-Resistant Face Paper
2. Enhanced High-Density Mold-Resistant Core
3. Viscoelastic Polymer
4. Heavy Mold-, Mildew- and Moisture-Resistant Back Paper



Specifications

Products that suit any project criteria

Product Details

Performance:	Acoustical, Mold & Moisture Resistant, Ceiling Board / Panels
Edge(s):	Tapered
Thickness(es):	3/4"
Width(s):	48"
Length(s)	8' to 12'



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