ACCESSORIES

- Acoustical putty pads
- Acoustical sealant
- Casing beads
- Trims
- Joint tape
- Fasteners: drywall screws or nails (see Installation Recommendations)

THE GREENGUARD Children & Schools CERTIFIED® Mark is a registered certification mark used under license through the GREENGUARD Environmental Institute.

GREENGUARD CERTIFIED

SoundBreak XP Gypsum Board with Sporgard is GREENGUARD Children & Schools Certified® for indoor air quality.

APPLICABLE STANDARDS AND REFERENCES

- ASTM C 1396
- ASTM C 840
- ASTM D 3273
- ASTM G 21
- Gypsum Association GA-216
- Gypsum Association GA-214
- Federal specification SS-L-30D Type III (Grade R)
- National Gypsum Company, Gypsum Construction Guide

FIRE RESISTANCE RATINGS

Fire resistance ratings represent the results of tests on assemblies made up of specific materials in a specific configuration. When selecting construction designs to meet certain fire resistance requirements, caution must be used to ensure that each component of the assembly is the one specified in the test. Further precautions should be taken that assembly procedures are in accordance with those of the tested assembly. For copies of specific tests, call 1-800-NATIONAL. For fire safety information, see nationalgypsum.com.

As an option, 1/2" SoundBreak XP Gypsum Board may be used as an additional layer on one or both sides of fire-rated wall assemblies. 1/2" SoundBreak XP Gypsum Board cannot be used as a substitute for 5/8" Type X gypsum board in a fire-rated assembly.

1/2" SoundBreak XP Gypsum Board shall be attached in accordance with manufacturer’s recommendations.

MOLD AND MILDEW RESISTANCE

SoundBreak XP Gypsum Board was designed to provide extra protection against mold and mildew compared to standard gypsum board products. When tested by an independent laboratory, SoundBreak XP Gypsum Board with Sporgard received the highest possible rating on ASTM G 21 and D 3273.

The use of SoundBreak XP Gypsum Board in actual installations may not produce the same results as were achieved in controlled laboratory conditions. No material can be considered “mold proof,” nor is it certain that any material will resist mold or mildew indefinitely. When used in conjunction with good design, handling, and construction practices, SoundBreak XP Gypsum Board can provide increased mold resistance versus standard wallboard products. As with any building material, avoiding water exposure during handling, storage and installation, and after installation is complete, is the best way to avoid the formation of mold or mildew.

TECHNICAL DATA

PHYSICAL PROPERTIES

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Thickness, nominal</td>
<td>1/2&quot; (15.9 mm)</td>
</tr>
<tr>
<td>Width, nominal</td>
<td>4' (1219 mm)</td>
</tr>
<tr>
<td>Length, standard</td>
<td>8' (2438 mm - 3657 mm)</td>
</tr>
<tr>
<td>Weight, lb./sq. ft., nominal</td>
<td>2.3</td>
</tr>
<tr>
<td>Edges</td>
<td>Taped</td>
</tr>
</tbody>
</table>

Surface Burning Characteristics (per ASTM E 84):

- Flame spread: 15
- Smoke developed: 0

INSTALLATION

RECOMMENDATIONS

Installation of SoundBreak XP Gypsum Board should be consistent with methods described in the standards and references noted.

Minimum Guidelines for Optimum Performance and Sound Reduction

- Stagger SoundBreak XP Gypsum Board joints from one side of the wall to the other.
- Allow a 1/4" gap along all wall perimeter edges and completely seal 1/4" gap with acoustical sealant or caulk.
- Retain from any wall penetrations where possible.
- Limit necessary wall penetrations to one per stud cavity.
- Seal all penetrations with acoustical sealant and/or putty pads.
- The use of SoundBreak XP Gypsum Board in actual installations may not produce the same results as were achieved in controlled laboratory conditions.

Recommendations for Cutting SoundBreak Gypsum Board

- SoundBreak XP Gypsum Board can be cut by scoring deeply from both sides of the board before snapping, or with the use of a hand or electric saw. Cutting across the 4" width may require use of a saw.

Recommendations for Acoustical Sealants and Putty Pads

- Use an acoustical sealant that is applied per ASTM C949 such as Gobbler Acoustical Sealant GSC, STI SpecSeal Smoke N Sound Caulk, BOCS BS4 Acoustical Sound Sealant or equivalent.
- Use a putty pad that has been tested per ASTM E80 such as STI SpecSeal SSP/PUTTY Pads or BOCS 618 Fine-Rated Putty Pads or equivalent.

DECORATION

For best painting results, all surfaces, including joint compound, should be clean, dust-free and not glossy. To improve fastener and joint concealment, a coat of a quality drywall primer is recommended to equalize the porosities between surface paper and joint compound. The selection of a paint to give the specified or desired finished characteristics is the responsibility of the architect or contractor.

ACCESSORIES (see Installation Recommendations)

- Fasteners: drywall screws or nails
- Joint tape
- Joint compound
- Cornerbead
- Trims
- Casing beads
- Acoustical sealant
- Acoustical putty pads

To view the Sound Tests - click on the underlined Test No.

SoundBreak XP Gypsum Board Acoustical Selector Guide

<table>
<thead>
<tr>
<th>1/2&quot; SOUNDBREAK XP GYPSUM BOARD PARTITIONS – WOOD FRAMING</th>
</tr>
</thead>
<tbody>
<tr>
<td>Description</td>
</tr>
<tr>
<td>SINGLE LAYER – 2X4 STUDS</td>
</tr>
<tr>
<td>51</td>
</tr>
<tr>
<td>51</td>
</tr>
<tr>
<td>1/2&quot; SoundBreak XP Gypsum Board vertically applied to one side of 2x4 stud 24&quot; oc. with 1-1/4&quot; type W screws 12 oc. joints staggered on opposite side. 3&quot; glass fiber insulation in stud cavity.</td>
</tr>
<tr>
<td>1/2&quot; SoundBreak XP Gypsum Board vertically applied to one side of 2x4 stud 24&quot; oc. with 1-1/4&quot; type W screws 12 oc. joints staggered on opposite side. 3&quot; glass fiber insulation in stud cavity.</td>
</tr>
<tr>
<td>UNBALANCED – 2X4 STUDS</td>
</tr>
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</tr>
<tr>
<td>Note: In multi-layer systems, SoundBreak XP Gypsum Board can be used as either a first layer or a base layer without affecting the STC Rating.</td>
</tr>
</tbody>
</table>

SGC 2009028

Recommendations for Cutting SoundBreak Gypsum Board

- SoundBreak XP Gypsum Board that is to have a wall covering applied should be prepared and primed as described for painting.
- Gypsum Association GA-214, Recommended Specification for Levels of Gypsum Board Finish, should be referred to in order to determine the level of finishing required to ensure a properly prepared surface that accepts the desired decoration.