COMFORTGUARD® Sound-Deadening Gypsum Board

a Temple-Inland product

09250

Product Description

ComfortGuard® sound-deadening gypsum board is designed to provide outstanding resistance to noise transmission through the walls and ceilings of a structure. ComfortGuard is a composite panel product consisting of a proprietary viscoelastic polymer sandwiched between two mold-, moisture- and fire-resistant gypsum boards. Engineered to provide exceptional STC values in a range of partition assemblies, it also offers uncommon application efficiency and high recycled content to minimize application cost and maximize environmental rating system contributions.

Advantages

- Dramatically higher sound deadening performance than standard gypsum board
- Easily cut out or scored with utility knife and snapped by hand
- May be installed over wood or metal framing and fastened with nails or screws
- Product is a proprietary Type X panel that has passed the full scale ASTM E119[1] fire test
- Features the TemShield® Mold Protection System engineered into its mold- and moisture-resistant core and facers (Scored a 10 when tested in accordance with ASTM D3273)
- Contributes toward LEED certification with a minimum of 92% certified recycled content on a dry weight basis in accordance with ISO 14021 standards[2]

Limitations

- Should not be used as a nailing base
- Should not be used as a tile backer in tub and shower surrounds or in areas with a risk of continuous exposure to water such as swimming pool enclosures, steam rooms or gang shower rooms
- Avoid exposure to repeated or continuous sources of moisture before, during or after installation
- Should be stored, handled and installed to comply with industry standards GA216 & ASTM C840
- Should not be immersed in water or subjected to cascading water conditions
- Should not be laminated to masonry surfaces
- See our technical data publication for more information

Applicable Standards

- Manufactured to comply with ASTM C1396
- Installation Standards ASTM C840 & GA216
- Surface Burning Characteristics ASTM E-84 Flame Spread 0 Smoke Developed 0
- Mold resistance tested in accordance with ASTM D3273[3]

Submittal Approvals

JOB NAME: _____

CONTRACTOR: _____ DATE: _____

Product Data

WIDTH	LENGTH	THICKNESS / PRODUCT WEIGHT	EDGE FORMATION
48" (1219 mm), 54" (1371 mm)	8', 9', 10', 12'	5/8" (15.9 mm), FRX 2.6 lbs/ft²	Tapered

Special Order Information: Other widths, edges and lengths may be available on special order with established minimums and lead time. Some products may not be available in all markets. Please check with your local Temple-Inland sales representative.

1. Fire-resistance rated systems incorporating ComfortGuard have been tested in accordance with ASTM E119 and provide a fire-resistance rating of one or more hours. Because ASTM requires that fire tests be conducted on complete building assemblies/systems and not just on the board itself, the ability of any particular 5/8" Type X gypsum board to pass a specific ASTM fire test may depend on factors other than the fire resistance of the gypsum board. These factors include the other components used to construct the system, the manner in which the system is constructed and the inherent variability of ASTM fire tests.
2. The recycled content levels of board produced at our Cumberland City, Tennessee and West Memphis, Arkansas facilities are third-party verified by Scientific Certification Systems (SCS).
3. The ASTM D3273 lab test may not be applicable to the actual performance of building materials. No material may be labeled mold proof, and resistance to mold growth depends on many factors. Prolonged exposure to moisture may cause mold and mildew to grow on any surface. Therefore, in order to maximize the mold and mildew resistance of a material, it is essential that good design, handling and construction practices be implemented. This involves avoiding water exposure during all phases of storage, handling, shipping, installation and after installation is complete. See GA238 for more information.

ISO 14021

SCS CERTIFIED SCS-MC-01269