

**Product Description**

Temple-Inland® ComfortGuard® water- and mold-resistant gypsum board is designed as an interior wall and ceiling board for high humidity areas or any interior area where added moisture and mold protection is desired. It may also be used as a base for the application of ceramic tile or other types of adhesively applied wall panels. ComfortGuard is manufactured with the TemShield® mold-protection system integrated into its core and light green facers.

**Advantages**

- Water- and mold-resistant core and facers
- Easily and quickly installed using nail or screw application
- Available with a minimum of 92% certified recycled content on a dry weight basis in accordance with ISO 14021 standards<sup>1</sup>
- May be installed over wood or metal framing
- Exposed areas that are to be finished may be taped and painted
- Available in 1/2" thickness with regular water- and mold-resistant core and 5/8" thickness with a fire-resistant, water-and mold-resistant core
- Fire resistance classified by Underwriters Laboratories according to ASTM E119<sup>2</sup>

**Limitations**

- For interior use only
- 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
- Maximum frame spacing for ceiling installation is 16" when parallel to framing and 24" when perpendicular to framing
- Should be stored, handled and installed to comply with industry standards GA216 & ASTM C840

**Applicable Standards**

- Meets or exceeds ASTM C1396
- Federal Specification SS-L-30D, Type III, Grade X & Grade W
- Application Standards ASTM C840 & GA216
- Surface Burning Characteristics ASTM E-84 Flame Spread 15 Smoke Developed 0
- Mold resistance tested as per ASTM D3273 Mold score 10 of a possible 10<sup>3</sup>

**Submittal Approvals**

JOB NAME: \_\_\_\_\_

CONTRACTOR: \_\_\_\_\_ DATE: \_\_\_\_\_

**Product Data**

WIDTH	LENGTH	THICKNESS / PRODUCT WEIGHT	EDGE FORMATION
48" (1219 mm), 54" (1371 mm)	8'; 10'; 12'	1/2" (12.7 mm), Reg 1.6 lbs/ft <sup>2</sup> 5/8" (15.9 mm), FRX 2.2 lbs/ft <sup>2</sup>	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. 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).
2. This material complies to ASTM E119 and therefore may provide a fire rating of one or more hours, depending on the system in which it is applied. Because ASTM procedures require that fire tests be conducted on complete building assemblies/systems and not just on the gypsum board itself, the ability of any particular 5/8" Type X gypsum board product to pass a specific ASTM fire test may well depend on factors other than the fire resistance of the gypsum board being tested. These factors include the other components used to construct the building system being tested, the manner in which the system is constructed and the inherent variability of ASTM fire tests.
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.

