

Product Description

Tempe-Inland[®] ComfortGuard[®] Impact-Resistant gypsum (IR) board is designed for high traffic areas where abrasion and indentation resistance, extra durability and added moisture/mold protection is key. It has a special 3-ply laminate adhered to the backside of the panel to provide superior impact/penetration resistance. ComfortGuard IR is a Type X gypsum board manufactured with the TemShield[®] mold-protection system integrated into its core and facers. It features a special heavyweight, bright-white face paper that may be finished and decorated in the same manner as conventional gypsum board.

Advantages

- Superior resistance to surface abuse, abrasion, indentation and impact
- Water- and mold-resistant core and facers
- May be installed like conventional gypsum board; backscoring is recommended
- May be installed over wood or metal framing in commercial or residential construction
- Exposed areas that are to be finished may be taped and painted
- Provides superior penetration resistance
- Type X core with fire resistance classified by Underwriters Laboratories¹
- At least 92% recycled content on a dry-weight basis in accordance with ISO 14021 standards as certified by SCS

Limitations

- For interior use only
- Avoid exposure to prolonged, extreme temperatures greater than 125°F (52°C)
- 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

Applicable Standards

- Meets or exceeds ASTM C1396 and ASTM C1629
- Federal Specification SS-L-30D, Type III, Grade X & Grade W
- Installation Standards ASTM C840, GA214, GA216 & GA801
- Surface Burning Characteristics ASTM E-84 Flame Spread 15 Smoke Developed 0
- Mold resistance tested as per ASTM D3273² Mold score 10 of a possible 10

Test Results (in accordance with ASTM C1629)

- Surface abrasion - Classification level 2
- Surface indentation - Classification level 1
- Soft-body impact - Classification level 3
- Hard-body impact - Classification level 3

Submittal Approvals

JOB NAME: _____

CONTRACTOR: _____ DATE: _____

Product Data

WIDTH	LENGTH	THICKNESS / PRODUCT WEIGHT	EDGE FORMATION
48" (1219 mm)	8' to 12' (2438 mm to 3658 mm)	5/8" (15.9 mm), 2.90 lbs/ft ²	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. 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.
2. 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.

