CGC
Interior
Panel &
Finishing
Solutions

# CGC SHEETROCK® BRAND
## MOLD TOUGH®
## GYPSUM LINER PANELS

**25.4 mm (1 in.) Type X gypsum liner panels with moisture and mould resistance for use in shaft wall and area separation wall systems**
- Feature a noncombustible, moisture-resistant gypsum core encased in moisture- and mould-resistant, 100% recycled green face and back papers
- Comprehensive product and system testing assures long-term performance and safety
- Double-beveled edges for easy installation
- Comply with ASTM C1396, *Standard Specification for Gypsum Board*, for 25.4 mm (1 in.), Type X and water-resistant gypsum shaftliner board
- Underwriters Laboratories Inc. (cUL) Classification as to fire resistance, surface burning characteristics and noncombustibility
- Achieved GREENGUARD Gold Certification and qualifies as a low VOC emitting material (meets CA 01350)

**DESCRIPTION**

CGC Sheetrock® Brand Mold Tough® Gypsum Liner Panels (UL Type SLX) are 25.4 mm (1 in.) Type X gypsum liner panels with moisture and mould resistance for use in shaft wall and area separation wall systems. The panels feature a noncombustible, moisture-resistant gypsum core that is encased in moisture- and mould-resistant, 100% recycled green face and back papers. When tested in accordance with ASTM D3273, *Standard Test Method for Resistance to Growth of Mold on the Surface of Interior Coatings in an Environmental Chamber*, the panels meet or exceed ASTM C1396 specifications. The face paper is folded around the double-beveled long edges to reinforce and protect the core, and the ends are cut square and even. The panels are cUL Classified for fire resistance and can be used in any UL Design in which Type SLX panels are listed.

**Note:** CGC Sheetrock® Brand Mold Tough® Gypsum Liner Panels have been comprehensively tested for fire resistance, structural performance and sound control only when used with CGC Sheetrock® Brand Shaft Wall and Area Separation Wall framing components. If alternative framing components are used, the manufacturer(s) of the substituted component(s) shall be consulted to confirm system performance.

**INTENDED FOR**

- Commercial or residential applications where 25.4 mm (1 in.) moisture- and mould-resistant Type X shaftliner panels are required
- Load-bearing and nonload-bearing wood- or steel-framed fire-rated walls and ceilings
- Elevator, stair, mechanical, solid and horizontal stud shafts
- Shaftwall ceiling membranes
- Unlined air return ducts
- Fire-resistive protection in common walls for townhouse construction

**LIMITATIONS**

1. Avoid sustained exposure to temperatures exceeding 52°C (125°F).
2. Avoid exposure to excessive, repetitive or continuous moisture before, during and after installation. Eliminate sources of moisture immediately.
3. Must be stored off the ground and under cover in accordance with Gypsum Association's GA-801, *Handling and Storage of Gypsum Panel Products*.
4. Not intended for use in an unlined air supply duct.

**INTERIOR INSTALLATION, FINISHING AND DECORATING**

For installation and finishing recommendations, refer to:
- ASTM C840, *Standard Specification for Application and Finishing of Gypsum Board*
- Gypsum Association's GA-216, *Specifications for the Application and Finishing of Gypsum Panel Products* and GA-620, *Gypsum Area Separation Firewalls*
- Published UL Design or GA File Number
- CGC literature *CGC Area Separation Wall Systems Brochure* (SA925) and *CGC Shaftwall Systems Catalog* (SA926)

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| Property | | Test Method | Requirement | UL Type SLX |
|---|---|---|---|---|
| Noncombustibility | | CAN/ULC-S114 | Noncombustible | Meets |
| Surface-burning characteristics | Flame spread | CAN/ULC-S102 | Flame Spread Index, not greater than 25[1] | 20 |
| | Smoke developed | CAN/ULC-S102 | — | 0 |
| | Class A | CAN/ULC-S102 | Flame spread not greater than 25 and smoke developed not greater than 450 | Meets |
| Core hardness | Field | ASTM C473 (B) | Not less than 11 lbf (49 N)[1] | Meets |
| | End | ASTM C473 (B) | Not less than 11 lbf (49 N)[1] | Meets |
| | Edge | ASTM C473 (B) | Not less than 11 lbf (49 N)[1] | Meets |
| Flexural strength | Parallel | ASTM C473 (B) | Not less than 77 lbf (343 N)[1] | Meets |
| | Perpendicular | ASTM C473 (B) | Not less than 228 lbf (1014 N)[1] | Meets |
| Humidified deflection | | ASTM C473 | Not required[1] | Not applicable |
| Nail pull resistance | | ASTM C473 | Not required[1] | Not applicable |

**Note:**
1. Per ASTM C1396 for 25.4 mm (1 in.) gypsum shaftliner board.

Per ASTM C473, *Test Methods for Physical Testing of Gypsum Panel Products*, the average water absorption for CGC Sheetrock® Brand Mold Tough® Gypsum Liner Panels is not greater than 5% by weight after two-hour immersion.

In independent lab tests conducted per ASTM D3273 at the time of manufacture, the panels meet or exceed ASTM C1396 specifications. This ASTM lab test may not accurately represent the mould performance of building materials in actual use. Given unsuitable project conditions during storage, installation or after completion, any building material can be overwhelmed by mould. To manage the growth of mould, the best and most cost-effective strategy is to protect building products from water exposure during storage and installation and after completion of the building. This can be accomplished by using good design and construction practices.

| | UL Type SLX |
|---|---|
| **Thickness** | 25.4 mm (1 in.) |
| **Lengths[2]** | 2438 mm (8 ft.), 3048 mm (10 ft.), 3658 mm (12 ft.) |
| **Width** | 610 mm (2 ft.) |
| **Weight[3], nominal** | 19.5 kg/sq. m. (4.0 lb./sq. ft.) |
| **Edges** | Double-beveled |

**Notes:**
2. Other sizes available by special order. Check with your local CGC representative for availability.
3. Represents approximate weight for design and shipping purposes. For specific product weight in your area, contact your local CGC representative or call the Customer Service Center at 800 387-2690 (English) or 800 361-1310 (French).

## COMPLIANCE

- Comply with ASTM C1396 for 25.4 mm (1 in.), Type X and water-resistant gypsum shaftliner board
- cUL Classification as to fire resistance, surface-burning characteristics and noncombustibility
- Achieved GREENGUARD Gold Certification and qualifies as a low VOC emitting material (meets CA 01350)

## SUBMITTAL APPROVALS

| Job Name | |
|---|---|
| **Contractor** | **Date** |
| | |

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