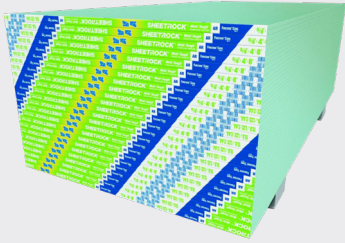


# SHEETROCK® BRAND MOLD TOUGH® AR FIRECODE® X



## FEATURES & BENEFITS

### Low-cost, abuse-resistant panels with moisture and mold resistance

- Designed and tested to offer greater resistance to surface indentation and impact damage than standard USG Sheetrock® Brand Gypsum Panels
- Meets ASTM C1629 Level 2 for abrasion resistance and soft-body impact, and Level 1 for indentation performance
- Can be used as a tile substrate in any location or area with limited water exposure
- Underwriters Laboratories Inc. (UL) Classification as to fire as to fire resistance, surface burning characteristics and noncombustibility
- USG Sheetrock® Brand Mold Tough® AR Firecode® X Panels have achieved GREENGUARD GOLD Certification

## DESCRIPTION

Sheetrock® Brand Mold Tough® AR Firecode® X have a noncombustible, moisture resistant core that is encased in moisture- and mold-resistant, 100 percent recycled green-face and brown-back papers.

Sheetrock® Brand Mold Tough® AR Firecode® X are available in UL Type Designation AR, and were designed and tested to offer greater resistance to surface indentation and impact damage than standard USG Sheetrock® Brand Gypsum Panels. These panels are a low-cost alternative to other systems for partitions that require greater impact resistance, are UL Classified as to fire resistance and meet the requirements for Type X in the model building code.

The face paper is folded around the long edges to reinforce and protect the core, and the ends are square cut and finished smooth. Long edges of panels are tapered, allowing joints to be reinforced and concealed with a USG joint treatment system.

### Notes

1. Firecode® X Panels. The panels are UL Classified for fire resistance and can be used in any UL
2. Design where Type X panels are listed. On the face along the long edge of each panel, the UL
3. Type Designation is printed for easy identification after installation

## INTENDED FOR

- Areas where moisture and mold resistance is desired
- Commercial applications where greater resistance to indentation and impact damage are required
- New or repair and remodel construction
- Fire-rated wall assemblies

## LIMITATIONS

1. Avoid sustained exposure to temperatures exceeding 50°C.
2. Maximum framing spacing for walls is 400 mm o.c.
3. Avoid exposure to excessive, repetitive or continuous moisture before, during and after installation. Eliminate sources of moisture immediately.
4. Must be stored off the ground and under cover in accordance with Gypsum Association publication GA-801, Handling and Storage of Gypsum Panel Products.
5. For abuse-resistant construction over steel framing, minimum 20-gauge drywall steel studs (0.8 mm design thickness) as defined by the Steel Stud Manufacturers Association (SSMA) are required.
6. Application of Sheetrock® Brand Mold Tough® AR Firecode® X over insulating blanket, installed continuously across the framing members is not recommended. Blankets should be recessed and blanket flanges attached to sides of studs or joists.
7. Not suitable for use as a substrate for tile in wet areas such as tubs and showers, gang showers and other areas subject to direct water exposure.
8. Use as a tile substrate is limited to tile installed according to the most current TCNA and ANSI specifications. Please consult with the adhesive and tile manufacturers for their recommendations for maximum size and weight parameters for use with gypsum board.

## INTERIOR INSTALLATION

USG Sheetrock® Brand Mold Tough® AR Firecode® Type X Panels are by design stronger and have greater surface hardness than standard 15.9 mm Type X panels. Because of this, they are heavier and will be expectedly more difficult to install. Slower installation production rates should be accounted for in job planning.

Installing Sheetrock® Brand Mold Tough® AR Firecode® X on studs fabricated with steel thinner than true 20-gauge drywall steel studs (0.8 mm design thickness) as defined by the SSMA may result in increased fastener strip-out, improper screw head seating, or other related conditions. The equivalent gauge framing is also more sensitive to screw configuration and thread pitch. Due to the wide variety of “equivalent” or “effective” gauge studs and the variation by manufacturer in actual steel thickness, USG has no specific recommendations for installing Sheetrock® Brand Mold Tough® AR Firecode® X on equivalent gauge.

## FINISHING AND DECORATING

For priming and decorating with paint, texture, or wallcovering, follow manufacturer’s directions for materials used. All surfaces, including applied USG Middle East Sheetrock® Brand All Purpose Joint Compound, must be thoroughly dry, dust free, and not glossy. A prime coat of Sheetrock® Tuff-Hide® Primer-Surfacer should be applied and allowed to dry before decorating when a Level 5 finish is required. To improve fastener concealment, where gypsum panel walls and ceilings will be subjected to strong artificial or natural side lighting and/or decorated with a gloss paint (eggshell, semi gloss, or gloss), the gypsum panel surface should be skim-coated with USG All Purpose Joint Compound or primed with Sheetrock® Tuff-Hide® Primer-Surfacer to equalize suction before painting.

## PRODUCT DATA

	Sheetrock® Brand Mold Tough® AR Firecode® X
Thickness	15.9 mm
Lengths and Widths <sup>1</sup>	1200 mm x 2400 mm, 1220 mm x 2440 mm
Weight <sup>2</sup>	13.7 kg/m <sup>2</sup>
Edges	Tapered
Packaging	Two panels per bundle

### Notes:

1. Other lengths available via special order (minimum order quantities may apply).
2. Represents approximate weight for design and shipping purposes.

## TEST DATA

### Moisture and Mold Resistance

- Per ASTM C473 test method, the average water absorption for panels is not greater than 5 percent by weight after two-hour immersion.
- 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.

*This ASTM lab test may not accurately represent the mold performance of building materials in actual use. Given unsuitable project conditions during storage, installation or after completion, any building material can be overwhelmed by mold. To manage the growth of mold, 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.*

## COMPLIANCE

Meets ASTM C1629 Level 2 for abrasion resistance and soft-body impact, and Level 1 for indentation performance.

### Notice:

As we are involved in constant products development; this document information is subject to change without prior notice. Please always refer to [usgme.com](http://usgme.com) for the updated products information document.

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