

# SHEETROCK® BRAND FIRECODE® TYPE C



## DESCRIPTION

### FEATURES & BENEFITS

Specially formulated mineral core provides superior fire resistance applications

- 12.7 mm and 15.9 mm Type C panels for use on walls and ceilings
- Feature a noncombustible gypsum core encased in 100% recycled face and back papers
- Underwriters Laboratories Inc. (UL) Classification as to fire resistance, surface-burning characteristics and noncombustibility
- Comply with ASTM C1396, Standard Specification for Gypsum Board, for 12.7 mm and 15.9 mm Type X
- Achieved GREENGUARD Gold Certification and qualifies as a low VOC emitting material (meets CA 01350)

Available in 12.7 mm and 15.9 mm thicknesses, USG Sheetrock® Brand Firecode® Type C Panels feature a specially formulated mineral core that provides superior fire resistance for ceiling applications. These panels feature a noncombustible gypsum core encased in 100% recycled face and back papers that form a high strength composite design. The natural finish face paper is folded around the long edges to reinforce and protect the core, and the ends are cut square and even. The long edges of the panels are tapered, allowing joints to be reinforced and concealed with USG Sheetrock® Brand joint treatment systems. The panels are UL Classified for fire resistance and can be used in any UL Design in which Type C panels are listed. On the face along the long edge of each panel, the UL Type Designation is printed for easy identification after installation by building inspectors.

## INTENDED FOR

- Commercial or residential applications where Type C panels are required
- New or repair and remodel construction
- Fire-rated wall and ceiling assemblies
- Single-layer, fire-rated ceiling assemblies with insulation in the plenum
- Protection of load-bearing and non-load-bearing wood- or steel-framed fire-rated walls

## LIMITATIONS

1. Avoid exposure to sustained temperatures exceeding 50 °C.
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 Handling and Storage of Gypsum Panel Products (GA-801).

## INTERIOR INSTALLATION

USG Sheetrock® Brand Firecode® C Panels install and finish just like standard 12.7 mm and 15.9 mm USG Sheetrock® Brand gypsum panels.

### Maximum Frame Spacing Drywall Construction

Direct Application	Panel Thickness	Location	Application Method <sup>1</sup>	Maximum Frame Spacing OC <sup>3</sup>
Single-layer	12.7 mm	Ceilings	Perpendicular	600 mm
			Parallel <sup>2</sup>	400 mm
		Sidewalls	Parallel or perpendicular	600 mm
			Parallel <sup>2</sup>	400 mm
	15.9 mm	Ceilings	Perpendicular	600 mm
		Ceilings	Parallel or perpendicular	600 mm
Double-layer	12.7 mm	Ceilings	Perpendicular	600 mm
		Sidewalls	Perpendicular	600 mm
	15.9 mm	Ceilings	Parallel or perpendicular	600 mm
		Sidewalls	Perpendicular	600 mm

#### Notes:

1. Long edge position relative to framing.
2. Not recommended if water-based texturing material is to be applied.
3. Consult USG Middle East technical team for the framing spacing if fire rating required.

## 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

	UL Type C	
	Sheetrock® Brand Firecode® Type C	
Thickness	12.7 mm	15.9 mm
Lengths <sup>1</sup>	2400 mm, 2440 mm	2400 mm, 2440 mm
Width	1200 mm, 1220 mm	1200 mm, 1220 mm
Weight <sup>2</sup> , nominal	11.6 kg/m <sup>2</sup>	12.1 kg/m <sup>2</sup>
Edges	Tapered	Tapered
Packaging	Two panels per bundle	Two panels per bundle

### Notes:

1. Other sizes available by special order.
2. Represents approximate weight for design and shipping purposes.

## COMPLIANCE

- Comply with ASTM C1396 for 12.7 mm and 15.9 mm Type C
- Classified as a Class A Interior Finish Material per Section 803.1 of the International Building Code® (IBC®)
- UL Classification as to fire resistance, surface-burning characteristics and core combustibility
- Achieved GREENGUARD Gold Certification and qualifies as a low VOC emitting material (meets CA 01350)

### 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](https://www.usgme.com) for the updated products information document.

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