

# SHEETROCK® BRAND FIRECODE® TYPE X PANELS



## DESCRIPTION

### FEATURES & BENEFITS

#### The original 15.9 mm Type X wallboards for interior walls and ceilings

- Provide additional fire resistance over regular panels
- Underwriters Laboratories Inc. (UL) Classification as to fire resistance, surface-burning characteristics and noncombustibility
- Comply with ASTM C1396 physical properties for 15.9 mm Type X gypsum wallboard
- Achieved GREENGUARD Gold Certification and qualifies as a low VOC emitting material (meets CA 01350)

USG Sheetrock® Brand Firecode® Type X Panels (UL Type SCX) are 15.9 mm. Type X panels that feature a fire-resistant 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 panels are tapered, allowing joints to be reinforced and concealed with USG Sheetrock® Brand joint treatment systems. USG Sheetrock® Brand Firecode® X Panels are UL Classified for fire resistance and can be used in any UL Design where Type SCX panels are listed. The UL Type Designation is printed with nonbleeding ink on the face along the long edge of each panel for easy identification by building inspectors.

## INTENDED FOR

- Commercial or residential applications where 15.9 mm Type X panels are required
- New or repair and remodel construction
- 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. Consult USG Middle East technical team for the framing spacing.
4. Must be stored off the ground and under cover in accordance with Gypsum Association's Handling and Storage of Gypsum Panel Products (GA-801-07).
5. Not for load-bearing design and not a structural panel.

## INTERIOR INSTALLATION

### Maximum Frame Spacing Drywall Construction

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

#### Notes:

1. Long edge position relative to framing.
2. Consult USG Middle East technical team for the framing spacing if fire rating required and if water-based texturing material is to be applied.

## 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.

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## TEST DATA

Property		ASTM Test Method	ASTM C1396 Specification 15.9 mm Wallboard	UL Type SCX
Noncombustibility	Flame Spread	E136	Pass	Pass
Surface-burning characteristics		E84	Flame Spread Index, not greater than 25	15
	Smoke Developed	E84	Smoke Developed Index, not greater than 450	0
	Classification	E84	-	Class A
Core hardness (lbf)	Field	C473 (B)	Not less than 11	Meets or exceeds
	End	C473 (B)	Not less than 11	Meets or exceeds
	Edge	C473 (B)	Not less than 11	Meets or exceeds
Flexural strength (lbf)	Parallel	C473 (B)	Not less than 46	Meets or exceeds
	Perpendicular	C473 (B)	Not less than 147	Meets or exceeds
Humidified deflection		C473	Not greater than 15.9 mm	Less than
Nail pull resistance (lbf)		C473 (B)	Not less than 87	Meets or exceeds

## PRODUCT DATA

	Sheetrock® Brand Firecode® Type X Panels
Thickness	15.9 mm
Lengths	2440 mm
Width <sup>1</sup>	1220 mm
Weight <sup>2</sup> , nominal	11.2 kg/m <sup>2</sup>
Edges	Tapered
Packaging	Two panels per bundle

### Notes:

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

## COMPLIANCE

- Meet or exceed ASTM C1396 Section 5 for 15.9 mm gypsum wallboard, Type X
- 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](http://usgme.com) for the updated products information document.

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