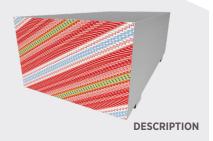# SHEETROCK® BRAND FLEXIBLE FIRECODE®

FEATURES & BENEFITS

• More flexible than standard 6.4mm Sheetrock® Panels
• Designed to construct curved surfaces easily
• Quick installation and decoration
• Lightweight, fire-resistant dry construction

DESCRIPTION

Sheetrock® Brand Flexible Firecode® have a noncombustible gypsum core that is encased in a 100 percent recycled face and back paper. The panels are UL classified for fire resistance (type R) and feature tapered edges for easy installation.

INTENDED FOR

• Curved walls and surfaces
• Interior decoration for iconic projects

LIMITATIONS

1. Avoid exposure to temperatures exceeding 50 °C.
2. Avoid exposure to excessive or continuous moisture before, during and after installation. Eliminate sources of moisture immediately.
3. Non-load bearing
4. Application of gypsum panels over an insulating blanket, installed continuously across the face of the framing members, is not recommended. Blankets should be recessed and blanket flanges attached to sides of studs or joists.
5. Painting Systems—for satisfactory results, painting products and systems should be used which comply with recommendations and requirements in Appendices of ASTM C840.

ADVANTAGES

Dry construction: Factory-fabricated gypsum panels eliminate excessive moisture in construction.
Low in-place cost: The easily cut gypsum panels apply quickly, permit painting or other decoration, and allow installation of metal or wood trim almost immediately.
Fire protection: The gypsum core will not support combustion or transmit temperatures greatly in excess of 100 °C until completely calcined—a slow process.
Crack resistance: With joints reinforced by one of USG ME joint systems, Sheetrock® Brand Flexible Firecode® form walls and ceilings that are exceptionally resistant to cracks caused by structural, thermal, and hygrometric changes.
Nonwarping: Expansion or contraction under normal atmospheric changes is negligible-won't cause harmful warping or buckling.

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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INTERIOR INSTALLATION

Sheetrock® Brand Flexible Firecode® installed in maximum Frame Spacing Drywall Construction as the below table

Application	Condition	Framing Spacing OC[1]	Fastener Spacing[1]	Minimum Bending Radii[2]	
				Gypsum Panel Perpendicular to Framing	Gypsum Panel Parallel to Framing
Inside (concave)	Dry	150mm	Edge: 150mm OC	760mm	510mm
			Field: 200mm OC		
Outside (convex)	Dry	150mm	Edge: 150mm OC	760mm	300mm
			Field: 200mm OC		

Notes:
1. Consult USG Middle East technical team for the framing spacing if fire rating required and if water-based texturing material is to be applied.
2. Bending radii for gypsum panels were evaluated at 21 °C and 50% relative humidity. Since ambient conditions can influence field results, a mock-up should be constructed with adjustments as needed

PRODUCT DATA

	Sheetrock® Brand Flexible Firecode®
Thickness	6.4mm
Lengths[1]	2440mm - 3660mm
Width[1]	1220mm
Weight[2], nominal	5.9 kg/m²
Thermal Resistance "R"	0.04 x m²/W
Edges	Tapered
Packaging	Two panels per bundle

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

COMPLIANCE

Compliance with Standards
- Comply with ASTM C1396 for 6.4mm gypsum wallboard
- Classified as a Class A Interior Finish Material per Section 803.1 of the International Building Code® (IBC®)
- UL Classification as to surface-burning characteristics and non-combustibility
- Achieved GREENGUARD Gold Certification and qualifies as a low VOC emitting material (meets CA 01350)

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