

# USG BORAL FIRE-RESISTANT PLASTERBOARD



Fire Safety

## Firestop™ Plasterboard

### High-performance Fire-rated Interior Plasterboard

- Features a fire-resistant gypsum core that provides additional safety in case of fire over regular and regular moisture resistant plasterboards
- Complies with international standards such as BS EN 520 or equivalent local standard for physical properties, as well as BS 476 classification for non-combustibility
- Extensive acoustic assemblies for commercial projects (STC)

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#### DESCRIPTION

USG Boral Firestop™ plasterboard is a high-performance fire-rated interior plasterboard, composed of fire-resistant gypsum core encased in 100% recycled face and back papers that form a high strength composite design. The panels have tapered long edges for easy finishing, when used with USG Boral's Jointing compounds.

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#### INTENDED FOR

- Commercial or residential application where fire protection is required
- Load and non-load bearing wood and steel-framed fire-resistant walls
- Fire-rated partition and ceiling systems approved for use by accredited certification bodies

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## ADVANTAGES

**Fire-rated Assemblies:** System designs using USG Boral Firestop™ plasterboard can be engineered to achieve 1-hour and up to 4-hour fire resistance level according to BS 476.

**Reaction to Fire:** Non-combustible. Evaluated and complies with BS 476: Part 4.

**Easy to Install:** Scores and snaps easily. Manufactured with a long recessed edge, which is easily installed and finishes similar to regular plasterboard.

**Acoustic:** Enhanced acoustic performance when used as a properly designed partition, floor or ceiling system.

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## LIMITATIONS

1. Avoid exposure to sustained temperatures exceeding 50°C.
2. Maximum framing spacing is 24" (610mm) centers.
3. Intended for interior applications only and must be kept dry during handling and storage. Please see USG Boral installation guidelines.
4. Wall cavities, floor cavities and other enclosed areas must be dry prior to being closed-up and application of interior finishing. Insulation in the wall or floor cavities must be dry.
5. Must be stored off the ground and under cover.

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## FINISHING AND DECORATING

Jointing Compounds used for finishing plasterboard joints in specified systems may be any plaster-based or vinyl-based ready-mixed compounds supplied by USG Boral that are normally used for this purpose.

USG Boral recommends the use of the 3 coat jointing system using paper tape to achieve the best joint strength.

For priming and decorating with paint, texture or wall covering, follow manufacturer's directions or recommendations.

If using semi-gloss or gloss paint, it is recommended that plasterboard surface is finished to a Level 5 standard as these paints tend to highlight surface variations.

For Levels of Finish please refer to USG Boral Interior Finishes Technical Manual.

**TEST DATA**

USG Boral Fire-resistant Plasterboard comply with :

	Property	Test Methods	Specification	USG Boral Firestop™ 12.5 mm	USG Boral Firestop™ 16 mm
Fire Reaction	Non-combustibility	BS 476 Part 4	Pass	Pass	Pass
	Physical Properties	BS EN 520	Parallel	>550N	>688N
Perpendicular			>210N	>269N	

**PRODUCT DATA**

Property	USG Boral Firestop™ 12.5 / 16 mm
Weight (kg/m <sup>2</sup> )	11.60 / 13.60
Thickness (mm)	12.5 / 16.0 mm
Width (mm)	1220
Length (mm)*	1830, 2440, 2745
Edges	Square and Tapered
Face Paper Color	Pink

\* Custom lengths available. Please contact your local USG Boral office

**COMPLIANCE**

USG Boral Firestop™ complies with international standards such as BS EN 520 and BS 476 classification for fire resistance.

**SUBMITTAL APPROVAL**

Job name	
Contractor	Date



041-001-1149  
Made from Recycled Material

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