

# USG BORAL IMPACT-RESISTANT PLASTERBOARD



## Impactstop™ Plasterboard (19.0mm)

### Impact-resistant and Improved Sound Insulation

- Features a higher density gypsum core that provides additional protection recommended for severe duty applications as per BS 5234 when assembled with Rondo metal framing system
- Complies with international standards such as BS EN 520 or equivalent local standard for physical properties classification for gypsum boards, as well as BS 476 for non-combustibility
- Excellent acoustic properties when assembled in systems for commercial projects
- USG Boral Impactstop™ is also moisture-resistant and fire-resistant. It can be used in the approved systems to provide additional fire protection

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### DESCRIPTION

USG Boral Impactstop™ plasterboard is manufactured from a specially formulated high density core encased in heavy face and strong back liner papers. They are designed to meet regulatory requirements for areas requiring resistance to heavy traffic, surface indentation and penetration damage, such as hospitals or school corridors.

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### INTENDED FOR

- Commercial and residential application where greater resistance to indentation and impact damage
- Use for approved fire resistance systems

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**ADVANTAGES**

**Impact Resistance:** Achieves Severe Duty per BS 5234 (Partition Grade Testing) for greater resistance to surface indentation and impact damage than standard plasterboard.

**Water and Fire Resistance:** USG Boral Impactstop™ offers additional benefit such as water resistance and can be used in approved fire-resistant systems.

**Easy to Install:** Scores and snaps easily. Manufactured with a long recessed edge with sturdy face paper folded around to reinforce the edges and protect its core.

**Acoustic:** Enhanced acoustic performance when used as a 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. For abuse-resistant construction, minimum stud thickness and metal framing requirements must be met. Consult your local USG Boral office.
6. Must be stored off the ground and under cover.
7. Not a structural panel.

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**FINISHING AND DECORATING**

It is essential that the level of finish is determined at the design stage since each level has specific requirements for substrate tolerances and plasterboard installation, jointing and finishing. The desired level of finish may not be achieved unless all of these requirements are met through various stages of construction.

USG Boral recommends the use of USG Boral joint compounds and 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 Impact-resistant Plasterboard comply with :

	Property	Test Methods	Specification	USG Boral Impactstop™ 19 mm	USG Boral Impactstop™ HD 19 mm
Fire Reaction	Non-combustibility	BS 476 Part 4	Pass	Pass	Pass
	Impact-resistant	BS 5234	Severe duty	Severe duty	Severe duty
Physical Properties	Water absorption	BS EN 520	H1 (≤5%)	H1 (≤5%)	H1 (≤5%)
	Fire-resistant	BS 476	n/a	Yes	Yes
	Flexural strength	BS EN 520	Parallel	>817N	>817N
			Perpendicular	>319N	>319N

**PRODUCT DATA**

Property	USG Boral Impactstop™ 19.0 mm	USG Boral Impactstop™ HD 19.0 mm
Weight (kg/m <sup>2</sup> )	16.3	17.2
Thickness (mm)	19.0	19.0
Width (mm)	1220	1220
Length (mm)*	1830, 2440, 2745	1830, 2440, 2745
Edges	Tapered	Tapered
Face Paper Color	Pink	Pink

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

**COMPLIANCE**

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

**SUBMITTAL APPROVAL**

Job name	
Contractor	Date



041-001-1147  
Made from Recycled Material

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