

TECHNICAL DATA

Firestop®



Firestop® is a specifically formulated fire-resistant core plasterboard providing an ideal solution for projects where specific fire-resistance ratings are required in partition wall and ceiling systems. Firestop® is utilised in Multiframe™, Partiwall®, IntRwall® and other proprietary systems providing lightweight fire and acoustic performance.

Firestop® is certified by Good Environmental Choice Australia (GECA) and may contribute to Green Star points.

ADVANTAGES

- Fire resistance
- High acoustic performance
- GECA Accreditation
- May contribute to green star points

PERFORMANCE DETAILS

FIRE

- Firestop® achieves fire resistance depending on fire rated systems application.
- Where relevant, 13mm Firestop® is a substitute for 13mm ENVIRO Multistop™ or 13mm Wet Area Firestop® for fire rated applications.
- Fire tested to achieve the least fire hazard Group Number for wall and ceiling materials as defined by BCA. BRANZ assessment No. FAR 2190.

ACOUSTIC

Firestop®, when used in an acoustic system can provide required levels of sound insulation to achieve specified acoustic ratings.



BOARD SPECIFICATION

| Feature | Description |
|-----------------------------|--|
| Thickness | 13mm & 16mm |
| Edge Profiles | Recessed edge |
| Sheet Size (width x length) | 1200 x 2400mm, 1200 x 2700mm, 1200 x 3000mm, 1200 x 3600mm, 1350 x 3600mm [Please refer to Size & Availability Chart for more sizes] Product availability: Certain products and sizes may only be available on order or in pack lots. |
| Paper Colour | Pink |
| Mass | 10.5 kg/m ² nominal |
| Fire Hazard Properties | Group 1 – in accordance with BCA Specification C1.10a Fire Hazard Properties – Floors, Walls and Ceilings. |
| Combustibility | Non Combustible material as defined in BCA Deem-to-Satisfy Provisions C1.12 |
| VOC | Less than 0.5mg/m ³ TVOC |
| GECA | Certified to GECA 04-2011 v2 – Panel Boards |
| Manufacture | Manufactured in Australia to the requirements of AS/NZS 2588:1998 Gypsum plasterboard and in accordance with AS/NZS ISO 9001:2008 – Quality management systems – Requirements |

Green Star Rating Tools

| Systems Configuration | Assessment Categories | | | |
|---------------------------|-----------------------|------------------------------------|----------------------------|----------------------|
| | Management (Man) | Indoor Environmental Quality (IEQ) | | Materials (Mat) |
| | Waste Management | Internal Noise Levels | Volatile Organic Compounds | Walls and Partitions |
| Office Interiors v1.1 | Man-6 | IEQ-10 | IEQ-11 | Mat-3 |
| Office Design v3 | Man-7 | IEQ-12 | IEQ-13 | – |
| Office As Built v3 | Man-7 | IEQ-12 | IEQ-13 | – |
| Retail Centre v1 | Man-7 | IEQ-7 | IEQ-8 | – |
| Education v1 | Man-7 | IEQ-7 | IEQ-8 | – |
| Healthcare v1 | Man-7 | IEQ-7 | IEQ-8 | Mat-14 |
| Multi Unit Residential v1 | Man-7 | IEQ-7 | IEQ-8 | Mat-14 |

STRUCTURAL

Boral Firestop® complies to the relevant deem-to-satisfy provisions of BCA Specification C1.8 Structural Tests for Lightweight Construction.

- Exceeds compliance criteria for BCA resistance to impact test to ASTM E695-75.
- Exceeds compliance criteria for BCA resistance to static pressure test to ASTM E72-80.

INSTALLATION

Refer to USG Boral website www.usgboral.com/plasterboard or call TecASSIST on 1800 811 222.

SUSTAINABILITY

- Firestop® is manufactured using 100% recycled liner paper.
- Firestop® has been independently certified by Good Environmental Choice Australia (GECA) and complies with requirements of GECA 04-2011 v2 – Panel Boards Standard.
- Independently tested for VOC and formaldehyde.
- The use of Firestop® may contribute credit points when assessed under various Green Star Rating Tools.

**INDOOR ENVIRONMENT QUALITY (IEQ)
INTERNAL NOISE LEVELS**

Firestop®, when used in an acoustic system, can assist in controlling noise levels and occupant comfort through the attenuation of noise transmissions.

**INDOOR ENVIRONMENT QUALITY (IEQ)
VOLATILE ORGANIC COMPOUNDS (VOC) AND
FORMALDEHYDE MINIMISATION**

USG Boral products, compounds and adhesives have been independently tested to confirm compliance with Green Star specification limits for VOCs and are formaldehyde free.

GBCA GREEN STAR RATINGS

The Green Building Council of Australia (GBCA) has developed a number of assessment tools to determine GBCA Green Star Ratings. Firestop® may contribute to the overall rating as outlined in the table above.

**MANAGEMENT (MAN)
WASTE MANAGEMENT**

Waste collection services are available to divert acceptable plasterboard waste away from land fill for recycling or re-processing for other uses. For information on waste collection services available, please contact your local USG Boral office.

REFERENCES

Refer www.usgboral.com/enviro/firestop for Material Safety Data Sheet, Volatile Organic Compound Emission details and Fire Test Report information.

SALES ENQUIRIES 1800 003 377

TecASSIST® 1800 811 222

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This technical information is intended to provide general information on plasterboard products and should not be a substitute for professional building advice. We recommend you use a qualified person to install USG Boral plasterboard. Illustrations in this guide are only representative of USG Boral plasterboard products and the appearance and effects that may be achieved by their use. To ensure the information you are using is current, USG Boral recommends you review the latest building information available on the USG Boral website. www.usgboral.com