

FIRESTOP®

Performance Board



Feature	Specification
Nominal Thickness	13 mm & 16 mm
Edge Profile	Recessed edge
Face Paper Colour	Pink
Nominal Mass	13 mm - 10.9 kg/m ² 16 mm - 13.4 kg/m ²
Fire Hazard Properties	Group 1 – as per the NCC Specification S7C4 Fire Hazard Properties – Walls and Ceilings, determined in accordance with AS 5637.1:2015
Combustibility	Non-combustible material as defined in NCC C2D10 Non-combustible building elements
VOC	Less than 0.5 mg/m ³ TVOC
Manufacture	Manufactured in Australia to the requirements of AS/NZS 2588:2018 Gypsum Plasterboard and in accordance with AS/NZS ISO 9001:2015 – Quality Management Systems – Requirements
Application	<ul style="list-style-type: none"> Fire-rated walls and ceilings Shaft walls and risers Kitchens and utility rooms in commercial or residential buildings Service corridors in hospitals, hotels, and public buildings Intertenancy and boundary walls requiring FRL Fire-isolated exits, stairwells, and lift lobbies

Description

FireStop plasterboard is a high-performance solution engineered to meet stringent fire resistance requirements. Capable of achieving a Fire Resistance Level (FRL) of up to 120/120/120 when installed within compliant building systems, it provides fire containment and structural stability under fire conditions, making it ideal for critical safety applications.

This versatile plasterboard is a key component in Knauf proprietary systems, including PartiWall, IntRwall, and OutRwall, offering a lightweight yet robust solution that integrates fire resistance and acoustic performance. FireStop is the optimal choice for projects requiring technical precision and compliance with rigorous building standards, all in one plasterboard.

Advantages

- Fire resistance
- Acoustic performance
- Lightweight construction
- GECA certified
- Environmental Product Declaration (EPD)
- Product Aware registered
- Climate Active Opt-In certified (Carbon Neutral)

Limitations

- Should not be exposed to prolonged temperatures in excess of 52°C
- Not suitable for direct support of heavy loads

Key

Fire Resistant

Water Resistant

Mould Resistant

Lightweight

Acoustic Performance

Echo Reduction

Impact Resistant

High Impact Resistant

Very High Impact Resistant

Ultimate Impact Resistant

Mesh Reinforced

Flexible

Block Basic Radiation

Performance Details

Fire Resistance

FireStop was fire tested and certified by BRANZ in accordance with AS 1530.4 to meet the requirements of the National Construction Code (NCC) and contributes to Fire Resistance Level when used in fire-rated systems.

Fire tested to achieve group number classification 1, the average specific extinction area less than the 250 m²/kg limit as defined by NCC.

Acoustic Performance

FireStop can provide required levels of sound insulation to achieve specified acoustic ratings when used in an acoustic system. Refer to Systems+ manual for information.

Structural

FireStop wall systems comply to the relevant Deemed-to-Satisfy Provisions of NCC Specification 6 Structural Tests for Lightweight Construction.

- Exceeds compliance criteria for NCC resistance to impact test to ASTM E695-03
- Exceeds compliance criteria for NCC resistance to static pressure test to ASTM E72-15

Installation, Jointing and Finishing

Knauf has a comprehensive range of jointing and adhesives compounds in premixed or powder form to meet market needs and varying climatic conditions. Apply appropriate painting system or other finishes as recommended for the required level of finish and application. This product data sheet does not provide plasterboard installation, jointing and finishing details. Refer to Knauf Plasterboard Installation Manual or knauf.com for further information.

Indoor, Environment, Quality

Knauf plasterboard products, compounds and adhesives have been independently tested to confirm compliance with Green Star specification limits for VOCs and formaldehyde.

References

For detailed information on Volatile Organic Compound (VOC) emissions and fire test reports, please visit knauf.com.

Safety and First Aid

For detailed safety information, including handling, storage, and first aid guidance, please visit the relevant product page on knauf.com to access the safety data sheet and additional resources.

Sustainability

Knauf plasterboards are manufactured from a combination of natural gypsum, and paper liner made from reclaimed and recycled paper waste. Plasterboard waste can be reclaimed and recycled into new plasterboard or reused as soil conditioner.

Knauf FireStop is listed in Product Aware and has GECA, Climate Active Opt-In certification and independently verified EPD that may contribute to Green Star credit points. For more information refer to Green Building Council of Australia.



Technical Resources



Plasterboard
Installation
Manual



CAD Library



eSelector

Technical Assistance

TecASSIST™ 1800 811 222

knauf.com

Sales Enquiries

1800 003 377

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