Interior Linings

FIRESTOP®

Description

Firestop® plasterboard has a specially manufactured fire resistant core making it an ideal solution for lightweight fire rated applications. With greater density than standard plasterboard, Firestop also offers enhanced acoustic insulation properties.

Wrapped in a distinctive pink paper liner, Firestop plasterboard has been specifically formulated for use in fire rated building systems. Firestop is utilised in Multiframe™, Partiwall®, IntRwall® and other proprietary systems providing lightweight fire and acoustic performance.

Advantages

- Fire resistant
- High acoustic performance

Board Specification

Feature	Description
Board Thickness	13mm & 16mm
Edge Profile	Recessed edge
Paper Colour	Pink
Mass	13mm – 10.9kg/m² nominal 16mm - 13.4kg/m² nominal
Sheet Size	Refer to "Plasterboard Range Availability" (Knaufapac.com)
Fire Hazard Properties	Group 1 and average specific extinction area less than 250 m²/kg – in accordance with NCC Specification C1.10 Fire Hazard Properties – Floors, Walls and Ceilings.
Combustibility	Non Combustible material as defined in NCC Deem-to-Satisfy Provisions C1.9
VOC	Less than 0.5mg/m³ TVOC
GECA	N/A
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

Performance Details

Fire

- Firestop® achieves fire resistance depending on fire rated systems application.

- Where relevant, Firestop is a substitute for Fire+Wetstop® for fire rated applications.

- Fire tested to achieve the least fire hazard Group Number for wall and ceiling materials as defined by NCC.

Acoustic

- Firestop, when used in a fire rated system can also provide required levels of sound insulation to achieve specified acoustic ratings.

Structural

Knauf Firestop systems comply to the relevant deem-to-satisfy provisions of NCC Specification C1.8 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

Refer to Knauf website **knaufacap.com/au/installation** or call TecASSIST® on **1800 811 222**.

Sustainability

Knauf products are manufactured from a combination of natural gypsum, and paper liner made from 100% reclaimed and recycled paper waste. Plasterboard waste can be reclaimed and recycled into new plasterboard. Lightweight plasterboard construction offers the benefits of low embodied energy, non-toxic materials, enhanced indoor air quality, and ease of thermal and acoustic upgrading.

Indoor Environmental Quality

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

Materials

Knauf plasterboard products may contribute to project Life Cycle Assessment (LCA) credits. Plasterboard Life Cycle Inventory (LCI) is available on Building product Innovation Council website **bpic.asn.au**

References

Refer **knaufapac.com** for Material Safety Data Sheet, Volatile Organic Compound Emission details and Fire Test Report information.