

TECH DATA

Benefits

- High fire resistance to meet Building Code requirements
- Good acoustic performance
- Easy and economical to install compared with brick work and masonry
- Certified for use in Green Star projects



FireShield can be used in commercial, industrial or residential applications where a FRL is required.

FireShield is a plasterboard that has been formulated to resist fire. When used in a system, it can meet the Fire Rating requirements for walls and ceilings required by the Building Code. FireShield has recycled pink liner paper and performs well in systems where acoustic properties are also required.

Product Information

SHEET SIZE	THICKNESS (mm)	WIDTH (mm)	LENGTH (mm)	WEIGHT* (kg/m ²)
	13	1200 1350 [#]	2400, 2700, 3000, 3600 3600	10.5
	16	1200	2400, 2700, 3000, 3600	13.0
FIRE HAZARD PROPERTIES	Group 1 material according to the requirements of BCA Section C1.10 Fire Hazard Properties Average Specific Extinction Area < 250 m ² /kg as required by BCA Specification C1.10a, Clause 3(c) Group 1S according to NZBC Performance Clause 3.4(a)			
COMBUSTIBILITY	Classified as non-combustible according to the BCA Section C1.12			
VOLATILE ORGANIC COMPOUNDS	Less than 0.5 mg/m ³ TVOC			

* Weights indicated are nominal

[#] Minimum quantity and additional costs may apply for special sizes

Application

FireShield is used for internal lining applications such as fire and acoustic walls and ceilings, shafts and ducts. It can also be used within specialist commercial systems such as fire rated laminated ducts, column and beam fire protection and fire escape tunnels.

FireShield is useful for wall lining in secure information systems areas where documents or equipment are located.

FireShield is used in load bearing and non-load bearing applications.

FireShield can be used within systems that require certified plasterboard to achieve 100% points in the relevant categories for Green Star projects.



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Performance



Fire

Achieves 30 to 240 minutes Fire Rating in accordance with AS/NZS 1530.4 *Methods for fire tests on building materials, components and structures.*



Sound

Good acoustic performance.



Fire

FireShield meets the performance requirements of the Building Code by providing Fire Ratings where required.

All fire rated plasterboard systems in the Knauf Technical Manual have been independently tested or assessed by qualified fire engineers.

Installation

FireShield is installed using the 'Fastener Only Method' for all systems requiring a Fire Rating.

To maintain fire and acoustic integrity:

- Use BindEx Fire and Acoustic Sealant on all gaps and around perimeter.
- Use Paper Tape with either two coats of MastaBase/MastaLongset or three coats of MastaLite.

Refer to the latest Knauf Technical Manual on the website for complete installation instructions.

Sustainable



FireShield has been independently certified by Global GreenTag to GreenRate Level A, recognised by the GBCA for Materials and VOC credits and by the NZGBC.



Quality
ISO 9001
SAI GLOBAL

FireShield is manufactured in Australia in accordance with quality systems certified as complying with AS/NZS ISO 9001:2008 and meets the requirements of AS/NZS 2588, *Gypsum Plasterboard*.

Warranty

Knauf's products are guaranteed by a 10 Year Warranty.

For details visit

knaufplasterboard.com.au
knaufplasterboard.co.nz

Technical Advice

AU **1300 724 505**

NZ **0800 884 326**