

FIRESTOP®

PRODUCT TECHNICAL STATEMENT

Firestop® is a specifically formulated fire-resistant core plasterboard. It provides an ideal solution for products where specific fire-resistance ratings are required in partition wall and ceiling systems.

Firestop® is used in the Partiwall® System.

USE

Firestop® is suitable for use in all commercial and residential situations provided that its specification and installation is in accordance with USG Boral Plasterboard Installation Manual - NZ.

It is suitable for installation on framed walls and ceilings, where the building design falls within the design scope of NZS3604, or AS/NZS1170.

Where Firestop® is to be installed in an existing building, the installer must assure themselves that the framing and existing building are suitable for the proposed building work.

CONDITIONS & LIMITATIONS

The specification of Firestop® must be in accordance with USG Boral information.

It must be specified by an LBP, able to provide a design memorandum to the relevant Building Consent Authority (BCA), if RBW provisions apply.

Installation must be undertaken by or supervised by an LBP (carpentry license).

Firestop® board should not be exposed to sustained temperatures exceeding 42°C or to excessive, repetitive or continuous moisture before, during or after installation. All sources of moisture should be eliminated immediately.



NZBC COMPLIANCE

Firestop® plasterboard complies with the following performance criteria of the NZ Building Code

PERFORMANCE CRITERIA	EVIDENCE
B1.3.1 B1.3.2 B1.3.3 (a, b, c, f, j, l, o, r) B1.3.4 (a, b, c, e)	In respect of building element Manufactured in accordance with AS/NZS2588 Impact ASTM E695-75 Panel performance ASTM E72-80
B2.3.1(a) B2.3.2	USG and Boral have a combined plasterboard manufacturing experience in excess of 145 years. During this time USG Boral have supplied plasterboard along with plasterboard wall and ceiling systems for use within the residential and commercial sectors.
C3.4 (a)	Material Group No 1-S BRANZ assessment FAR4435
F2.3.1	Manufactured in accordance with AS/NZS2588

When installed Firestop® plasterboard will contribute to compliance with the following performance criteria of the NZ Building Code

PERFORMANCE CRITERIA	EVIDENCE
B2.3.1(a), B2.3.2	In Service history
C6.2	CSIRO assessments
G6.3.1	CSIRO Measurement No TL429em (2004) CSIRO Measurement No TL429qrs (2004) CSIRO Measurement No TL469 (2006)

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DESCRIPTION OF FIRESTOP®

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	10.5/13 kg/m ² nominal
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

PERFORMANCE DETAILS

Fire

Firestop® is a non-combustible building product.

Firestop® achieves a material Group 1-S depending on finished coating applied (BRANZ Assessment FAR4435).

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

Where relevant, 13mm Firestop® may be substituted with 13mm Multistop in fire rated applications.

Acoustic

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

INSTALLATION

Firestop® must be installed in accordance the USG Boral Plasterboard Installation Manual - NZ.

MAINTENANCE

Firestop® does not require maintenance but USG Boral recommends that a visual check of the board be undertaken as part of normal maintenance, for instance when the surface coating is reapplied. In the event that damage is apparent to the Firestop® board then it must be removed and replaced in accordance with the USG Boral Plasterboard Installation Manual - NZ.

STORAGE & TRANSPORTATION

Firestop® like all plasterboards is vulnerable to potential in transit to damage. It should be transported and stored horizontally. Ensure that it is covered, to avoid the possibility of exposure to moisture.

SUSTAINABILITY

Firestop® has been manufactured using 100% recycled liner paper.

Independently tested for VOC.

QUALITY ASSURANCE

Firestop® is manufactured in Australia. These manufacturing sites are ISO9001:2008 accredited.

Certificate details are SAI Global Cert No. QEC0400.

This certification dates from 1992.

REFERENCES

Refer www.usgboral.com for information on Firestop®.

Test results may be available upon request, providing the information is not commercially sensitive.

WARRANTY

For details of the USG Boral warranty refer www.usgboral.com

DURABILITY STATEMENT

This statement is in relation to Clause B2 Durability of the New Zealand Building Code (NZBC). USG Boral Plasterboard products and systems are designed for internal use and when installed in accordance with the installation instructions detailed within the relevant Technical Installation literature they are fully compliant with the NZBC.

FURTHER INFORMATION

Contact USG Boral TecASSIST on 0800 USGBORAL (0800 874-267) or online at www.usgboral.com

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