



FORMAN
BUILDING SYSTEMS

Product Data Sheet

FIREFLY PLUS 60

CAVITY FIRE BARRIERS

TBA Firefly Plus 60 is a flexible composite material, fully tested to comply with British Standards which comply with the requirements of the New Zealand Building Code. Manufactured from non-respirable materials, lightweight, clean and easy to install, TBA Firefly Plus 60 Cavity Fire Barriers provide a premier solution in the field of passive fire protection.

TBA Firefly Plus 60 Cavity Fire Barriers provide fire rated compartmentation of structures, typically within roof voids and above suspended ceilings.

TBA Firefly Plus 60 is designed specifically to halt the passage of smoke and flame and insulate the cold face of the barrier from rapid temperature rise in a fire situation. The FRR is of -/60/38 is across the whole surface, including where services penetrate the barriers, when tested to BS 476 parts 20 and 22.



TBA Firefly Plus 60 Cavity Fire Barrier installation provide Permanent Passive Protection



TBA Firefly Plus 60 Cavity Fire Barrier fitted within the historic Chatsworth House indicating the versatility of the system – suited to both old and new structures.

TBA Firefly Plus 60 – The System

- Fully tested to British Standard 476 parts 20,22, 6 and 7 which complies with NZBC. C/AS1 Part 6 “Control of Internal Fire and Smoke Spread”.
- Fully tested penetration management.
- Suitable for vertical applications up to 7 metres in height.
- Suitable for horizontal applications.
- Lightweight, clean and non respirable.
- Positive fixing to perimeters.
- Installer training programme.
- BRANZ Letter of Opinion FAR 1628

Permanent Passive Protection.

Fitted with Confidence

A flexible composite, which is light in weight, Firefly Plus 60 is easy and quick to install. A trained installer programme, promoted by Forman Building Systems, assists contractors to maximise the benefits of this effective solution to the compartmentation of both large and small voids.

Penetration Management

Much attention has been paid to the management of both open and closed penetrations through the installed barrier. A comprehensive evaluation, including Thermal Image analysis, enable techniques of collaring and shielding to be incorporated into the Firefly Plus 60 system, ensuring FRR Integrity and Insulation levels are maintained in these vital areas.

Technical Data

Firefly Plus 60 is available in convenient pack sizes.

Length	Width	Area	Thickness	Weight	Weight per m ²
6m	1.3m	7.8m ²	10mm	17kg	2.2kg

Fitting Instructions

Full fitting instructions for Firefly Plus 60 systems are detailed within the Firefly Plus Installation Manual.

Specification Detail

Firefly Plus Specification

Firefly Plus 60

FRR-/60/38

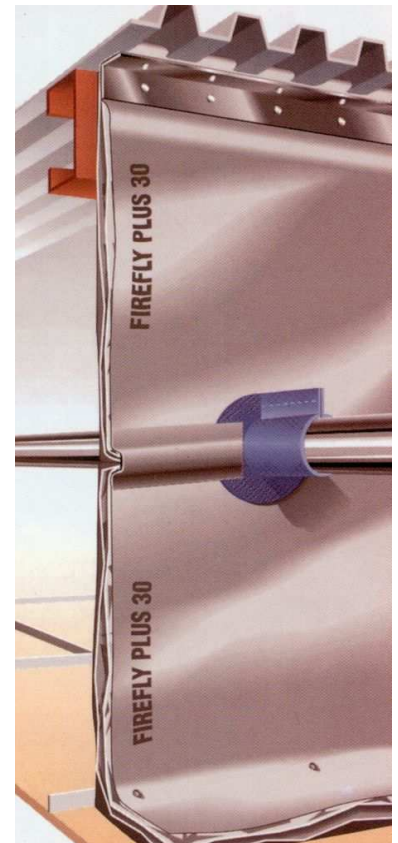
- Inherently resistant to smoke penetration
- Installed according to manufacturer's instructions ensuring the barrier is positively fixed to the perimeters, secured around penetrations, penetrations collared.
- It is essential that trained installers are employed to fit the barrier.

Generic Specification

60 Minute Cavity Fire Barrier

A composite cavity fire barrier system manufactured from non respirable material, weighing no more than 2.5kg/m² and having a maximum thickness of 15mm. Providing FRR-/60/38 across its full surface area, including overlapping joints and penetrations, when tested to BS 476 parts 20 and 22. The barrier must be inherently resistant to smoke penetration. Installed ensuring the barrier is positively fixed to perimeters, secured around penetration, penetrations collared, following manufacturer's instructions.

- It is essential that trained installers are employed to fit the barrier.



Firefly Plus is fitted above a suspended ceiling illustrating the shielding and collaring of a penetration through the barrier.

The information in this leaflet is issued in good faith.

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