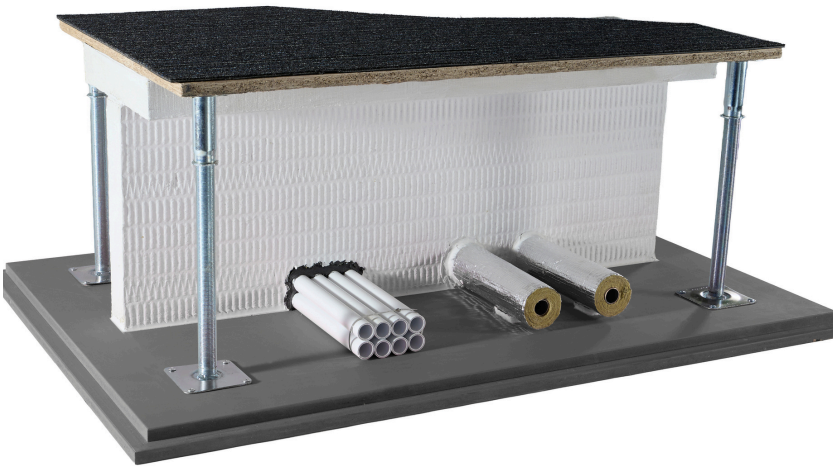
+44 (0) 1706 758817
technical@tbafirefly.com

Raised Access Floor System

A fully tested solution for fire-rated raised access floors



240 Minutes Integrity
120 Minutes Insulation

Tested system

Ease of install

Sound reduction

Made in Britain

DESCRIPTION

The **FIREFLY**® FB180 Raised Access Floor fire protection system provides a fully tested solution for fire-rated raised access floors. Designed to maintain compartmentation and prevent the spread of fire, the system has been rigorously tested with Kingspan RMG 600 and 18mm OSB Board flooring materials. Offering up to 240 minutes of integrity and 120 minutes of insulation, it is ideal for high-risk voids where fire protection is critical.

USE AREAS

- Raised access floor system for commercial/industrial buildings
- Data centres and server rooms
- Offices and high-rise buildings requiring compartmentation
- Environments with high fire safety requirements
- Infrastructure projects, e.g., airports, rail stations & tunnels

APPLICATION

The **FIREFLY**® Raised Access Floor system is engineered for installation in both fire-rated and non fire-rated raised access floor applications. It maintains the compartment line while accommodating necessary penetrations such as Cable trays and data cables, maintaining compartmentation. Suitable for a wide range of environments, including:

- Commercial buildings: Offices, shopping centres, and public facilities requiring protected service voids beneath raised floors.
- Data centres & server rooms: Ensuring fire compartmentation where sensitive electronic equipment is housed.
- Industrial & manufacturing facilities: Providing fire protection in areas with extensive cabling and mechanical penetrations.
- High-rise buildings & residential complexes: Critical for ensuring fire containment in multi-level structures.
- Transport hubs & infrastructure projects: Rail stations, airports, and tunnels where fire-rated access floors are essential.

CONSTRUCTION

Rigorously tested for use with Kingspan RMG 600 and 18mm OSB Board flooring. The **FIREFLY**® FB180 Ablative 60mm Batt is tested to achieve up to E240 EI120 and up to EI60 on penetrations. This makes it an ideal solution for achieving fire-rated raised access floors up to 600mm in height without additional structural modifications. For full technical details, installation guidelines, and fire test certification, please refer to the official **FIREFLY**® technical documentation or contact our support team.

KEY BENEFITS

- Achieves up to 180 minutes integrity and 120 minutes insulation with Kingspan RMG 600
- Achieves up to 240 minutes integrity and 120 minutes insulation with OSB Board
- Fully tested with **FIREFLY**® FB180 Ablative Batt Wall System
- Up to EI60 compliance with penetrations
- Provides effective fire compartmentation without compromising access floor functionality
- Compatible with multiple penetration types tested within the **FIREFLY**® Batt system

TITLE	**FIREFLY**® RAISED ACCESS FLOOR
TESTING	BS EN 1366-4 & BS EN 1366-3
FIRE RATING	To 240 minutes
CERTIFICATION	Classification Number WF 550732. Third party certified by IFCC/KIWA, FOA number 25611
APPLICATION	Raised access floor systems are suitable for vertical applications in commercial and industrial buildings, including data centres and server rooms, offices and high-rise buildings requiring compartmentation, environments with high fire safety standards, and infrastructure projects such as airports, railway stations, and tunnels. For specific installation details, please refer to the installation drawings.
PROPERTIES	Layered mineral fibre, ablative coating on both sides, white appearance. Density 180kg/m3
ACOUSTICS	27dB sound reduction
DIMENSIONS	1200 x 600 x 60mm
PACKAGING	Supplied bagged to provide protection in transit and on site. Do not allow the batt to be exposed to rain.
PRODUCT CODES	FB180 60mm
LIMITATIONS	Not to be installed in areas of RH >85% Storage: cool, dry place – protect from frost

03/2024-1 - All FIREFLY™ cavity barrier products must be installed in compliance with the FIREFLY™ Installation Guide, which is provided upon request. For larger installations, refer to the relevant product drawings 017 & 018. Contact the manufacturer for clarification on non-standard installations. Deviation from these drawings should not be carried out without written authority from the FIREFLY™ Technical Department.

All figures quoted are nominal, believed to be true at the time of printing and are presented without guarantee. It is up to the user to determine the suitability of use.

+44 (0) 1706 758817
sales@tbafirefly.com
tbafirefly.com
technical@tbafirefly.com

TBA Protective Technologies Limited, Unit 3, Transpennine Trading Estate, Gorrels Way, Rochdale, OL11 2PX, UK