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Phoenix Horizontal

DESCRIPTION

FIREFLY® Phoenix Horizontal is a lightweight flexible fire rated smoke and flame barrier designed to provide compartmentation within a building, offering 60 minutes integrity only, when tested to BS476 Parts 20 & 22. FIREFLY™ Phoenix is designed to work as part of a fire protection system and does not provide insulation properties.

USE AREAS

Commonly used in combination with **FIREFLY® Phoenix** (vertical) within industrial, warehousing, food processing and data centres to create smoke and flame compartmentation barriers, specifically as an horizontal layer around mezzanine floors and similar structures.

CONSTRUCTION

FIREFLY® Phoenix Horizontal is manufactured using woven glass fibre, specially treated with a proprietary coating to greatly increase fire resistance.

KEY BENEFITS

- **FIREFLY® Phoenix Horizontal** provides 60 minutes Integrity as a barrier, restricting the passage of smoke and flame within large roof voids areas
- Tested to include penetrations and services while maintaining performance in-situ
- Lightweight, flexible, easy to handle and Installer-friendly smoke and flame barrier system
- Installer-friendly fire barrier system
- Tested to BS476 and independently certified by IFCC/Kiwa
- **FIREFLY® Phoenix Horizontal** is supported by a full range of **FIREFLY®** ancillary products (stainless steel staples, sealants, fixing, supports) to provide the ability to install a fully tested system

TITLE	**FIREFLY® Phoenix Horizontal**
DESCRIPTION	Lightweight flexible smoke and flame barrier
CERTIFICATION	Third party certified by IFCC/Kiwa. Certificate number: IFCC 1418
APPLICATION	Horizontal use only (see Phoenix for vertical alternative)
PROPERTIES	**Description:** Non-toxic, user-friendly, flexible, durable. Easy to manipulate and shape **Coating:** Chemical treatment to optimise fire-resistant properties and help prevent fibre migration **Min Thickness:** 0.34mm nominal
SPECIFICATION	Exceeds 60 minutes Integrity only when tested to BS 476 parts 20/22:1987. Not tested for Insulation
ASSESSMENT IFCC	Fields of Application covering extended drops, penetrations, ceiling systems, widths and installation requirements
FLAMMABILITY	BS 5438 /6249 - "A" rating (highest possible pass) Fabric is self-extinguishing when subject to this test
DIMENSIONS AND PACKAGING	**Width:** 130cm **Roll Length:** 10 or 25 linear metres **Roll Area:** 13 sqm or 32.5 sqm **Packed:** Rolled **Weight:** 440g/m²

09/23-1 - 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.

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