

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 Vertical for alternative)
PROPERTIES	<p>Description: Non-toxic, user-friendly, flexible, durable. Easy to manipulate and shape</p> <p>Coating: Chemical treatment to optimise fire-resistant properties and help prevent fibre migration</p> <p>Min Thickness: 0.34mm nominal</p>
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	<p>Width: 130cm</p> <p>Roll Length: 10 or 25 linear metres</p> <p>Roll Area: 13 sqm or 32.5 sqm</p> <p>Packed: Rolled</p> <p>Weight: 440g/m²</p>

