

FD30 Fire Door System



DESCRIPTION

FIREFLY® have independently fire tested the installation of a market-leading Halspan FD30 interior 44mm fire door blank as part of a FIREFLY® flexible fire barrier system, achieving a minimum of 30 minutes Fire Protection across the full installation.

USE AREAS

Used in larger roof voids such as hospitals and care homes where a full size access door is required through a compartmentation zone, while retaining the same fire integrity for the complete installation as the rating for the FIREFLY® flexible barrier used.

CONSTRUCTION

Door blank is 3-layer particle board, door frame may be timber hardwood, softwood, MDF or aluminium.

FIREFLY® barrier manufactured using layers of woven and non woven glass fibre, specially treated with a proprietary coating to greatly increase fire resistance, and aluminium foil.

KEY BENEFITS

- Tested solution to combine the proven technologies of fire doors and flexible fire barrier
- Tested to BS EN 1634-1 achieving a minimum of 30 minutes Fire Protection for the overall installation when used in conjunction with FIREFLY® Apollo Lite, Zeus Lite, Titan Lite or Athena
- Provides the convenience of full size and repeatable access in large compartmentalised roof voids such as hospitals and care homes
- Utilises two market-leading brands to ensure availability, support and familiarity for the installer and user
- Insulation rating of the FIREFLY® flexible barrier remains unchanged
- Ensures maximum convenience and tested fire safety, while avoiding damage and loss of compliance by non-standard access means
- Maximum tested door size of 2135 x 1100mm
- Installation methods for both the fire door set and barrier remain unchanged, as per the FIREFLY® drawing details

TITLE	FIREFLY® FD30 Fire Door System
DESCRIPTION	Tested solution to utilise full size FD30 fire doors within a FIREFLY® flexible fire barrier installation with Halspan 44mm interior fire door blank
TESTING	Third party tested to BS EN 1634-1 as part of a FIREFLY® fire barrier system
APPLICATION	Vertical
DIMENSIONS	Single door maximum size – 2135 x 1100mm (door frame)
FRAME MATERIAL	Timber hardwood, softwood, MDF or aluminium.
SOURCING	FIREFLY® barriers and Halspan FD30 door set can be sourced separately from usual supply channels
GLAZING	Tested as an unglazed door only
HARDWARE	Standard door hardware and closers can be used as normal
INSTALLATION	The FIREFLY® flexible barrier used (FIREFLY® Apollo Lite, Zeus Lite, Titan Lite, Athena) must be fitted to join with the FD30 door and throughout the compartmentation generally, strictly in accordance with FIREFLY® drawing details and installation instruction that are available on the website.

