

Mezzanine Floor Protection

Fire rated protection beneath floor and roof constructions



Mezzanine floor system



90 Mins Integrity
60 Mins Insulation



Tested system



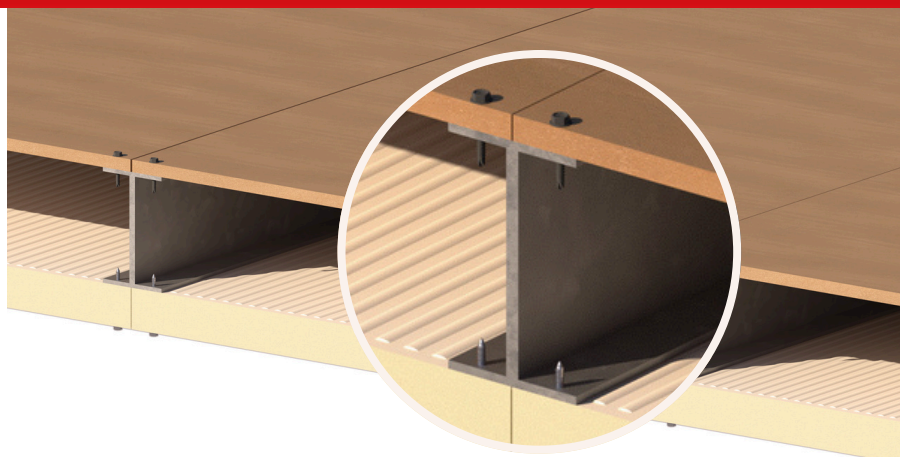
Ease of install



Sound reduction



Made in Britain



DESCRIPTION

The **FIREFLY®** FB180 Ablative Batt provides a fire rated, non-loadbearing ceiling solution for installation beneath mezzanine floors, floor systems, roof structures and similar constructions. The system has been tested in accordance with BS EN 1364-2 and classified to EN 13501-2, achieving up to EI90 / E90 fire resistance.

USE AREAS

Tested for installation from below, where fire resistance protection is required to the underside of floor, roof and structural support systems.

- Mezzanine floor soffits
- Warehouse storage platforms
- Composite floor constructions
- Timber floor systems
- Steel-framed structures
- Industrial roof structures
- Plant deck soffits
- Service voids and access floors
- Commercial and industrial buildings
- Compartmentation beneath structural floor systems

CONSTRUCTION

Layers of mineral wool are combined to create a 60mm thick board product, with an ablative coating factory-applied to both sides. The board has a density of 180kg/m³, with a rigidity that makes it suitable for friction fitting.

KEY BENEFITS

- Provides up to EI90 / E90 fire resistance
- Tested to BS EN 1364-2:2018
- Classified to EN 13501-2
- Lightweight non-loadbearing ceiling solution
- Suitable for floor and roof soffit protection
- Can be installed beneath steel and timber structures
- Suitable for installation between timber joists and floor constructions
- Suitable for mezzanine floor applications
- Self-supporting ceiling arrangement
- Suitable for new build and retrofit applications

TITLE	FB180 Ablative Batt – Mezzanine Floor Protection
DESCRIPTION	Mineral fibre ablative batt system for fire-rated soffit protection beneath mezzanine floors and similar structures. Provides up to EI90 / E90 fire resistance.
TESTING	Tested to BS EN 1364-2:2018. Classified to EN 13501-2. Classification Report WF552977 Issue 2
APPLICATION	Non-loadbearing ceiling system for installation beneath floor systems, mezzanine floors, roof constructions and structural support systems. Tested at spans up to 1200mm centres. Refer to Firefly installation details and supporting technical documentation for substrate specific arrangements.
PROPERTIES	Layered mineral fibre, ablative coating on both sides, white appearance. Density 180kg.m-3
ACOUSTICS	34dB sound reduction
DIMENSIONS	1200 x 600 x 60mm
PACKAGING	FB180 60mm. Supplied bagged to provide protection in transit and on site. Do not allow the batt to be exposed to rain or prolonged wet conditions.
LIMITATIONS	Not to be installed in areas of RH >85% Storage: cool, dry place – protect from frost

