



JP CORRY
SOLUTIONS

Passive Fire Protection



Contact us



07525672201



Connor.Couston@jpcorry.co.uk



www.jpcorrysolutions.com

The term 'passive fire protection' describes structural measures implemented to minimise the risk of fire damage.



JP CORRY SOLUTION - PASSIVE FIRE PROTECTION

We offer a comprehensive range of fire protection products designed to mitigate the spread of fire and smoke while enhancing fire compartmentation within buildings.

Our new products range:

- **Fire Stopping:** We specialize in sealing penetrations in fire-rated walls and soffit slabs, utilizing fire collars and additional individual fire breaks to safeguard against the spread of fire.

- **Fire Breaks/Barriers:** We install rigid or flexible fire breaks/barriers within lofts, suspended ceilings, or floor voids, tailored to meet project design and site conditions.

- **Cavity Barriers:** Our ventilated or non-ventilated cavity barriers are strategically placed at the interface between a building's perimeter and its external façade to enhance fire containment.

- **Fire-Rated Encasements:** We provide fire-rated encasements for various mechanical and electrical services passing through buildings, ensuring containment of fire or high heat risks, such as fire cladding for ducts.

Passive Fire Protection plays a pivotal role in safeguarding buildings against the devastating effects of fire. This protection can be broadly categorized into two main types: intumescent fire protection and vermiculite fire protection. In this flyer, we'll explore these methods in detail and discuss how they contribute to minimizing the spread of fire and reducing potential losses in all types of buildings. Join us as we delve into the world of Passive Fire Protection and its vital importance in ensuring the safety and security of structures.

*fire resilient
solutions can
slow the
spread of
flames*

FIREPRO® Pipe Collar CE

Pipework And Trunking Products

In the modern construction market, plastic piping systems are utilised frequently around our buildings to distribute hot and cold water, provide ventilation and drainage (SVP), etc. These will inevitably need to be routed through compartment walls and floors. Failure to properly protect combustible pipes can result in open voids through walls and floors increasing the risk of fire and smoke spread. Firepro Pipe Collar CE are designed to provide this protection.



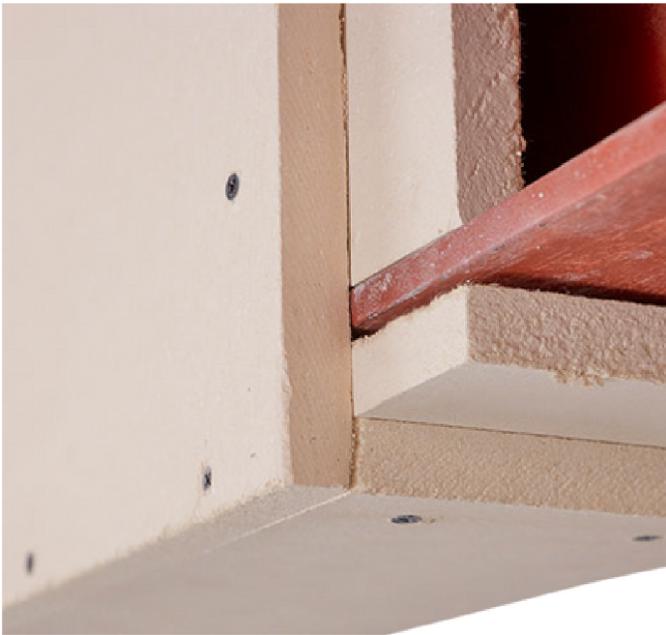
Ablative Coated Batt

ROCKWOOL fire resilient solutions can slow the spread of flames, contain fires locally and stop them from spreading further. Robust stone wool insulation is a key component in fire-resilient buildings, as its fibres are non-combustible and can resist temperatures above 1,000°C.1 The fire protection qualities of our products help increase the safety of occupants – and protect nearby buildings too.

.....

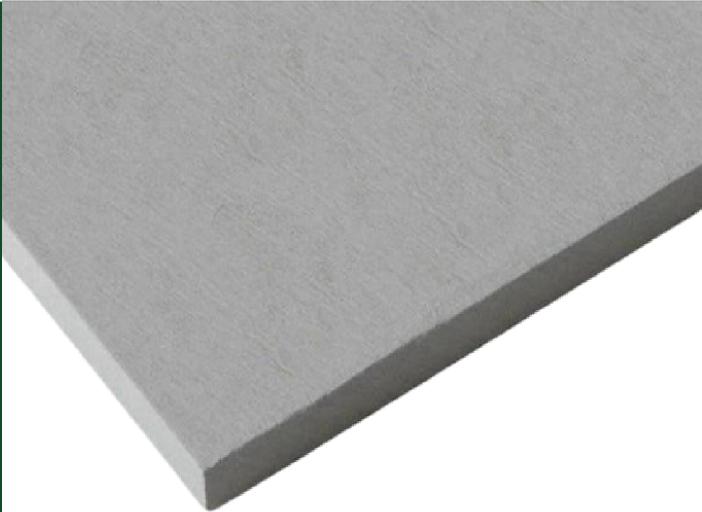


Hidden gaps can leave buildings vulnerable to the spread of fire, particularly following the creation of voids for the passage of services. The ROCKWOOL Ablative Coated Batt provides an innovative air seal barrier to stop the passage of fire as well as improving sound attenuation.



Promat Supalux Fire Protection Board A1 Fire Board

Promat is the expert and worldwide reference in passive fire protection and high-performance insulation for the construction sector and a large number of industrial markets. We offer sustainable solutions that protect lives and assets, enhance comfort, optimise process efficiency, minimise the loss of space and energy and help reduce CO2 emissions.



Vermiculux®-S

Non-combustible

Vermiculux®-S is used to provide one, two, three or four sided encasements to:

- Universal columns and beams (I or H sections), joists and RSJs
- Structural hollow sections
- Bracing
- Lattice beams
- Partially exposed members
- Perimeter beams
- Beams supporting composite floors with profiled metal decking
- Wind posts



Promat Supalux is an ultimate class A1 non-combustible reinforced calcium silicate fire protection board providing up to 240 minutes fire rating and improved moisture resistance.

Promat Supalux Fire Protection Board can be used in steel and timber frame, mezzanine floors, shaft-wall and doors installations.

SUPALUX 6mm is a strong, lightweight reinforced with selected fire fibres and fillers, off-white in colour original fire board capable of being cut and shaped appropriately.

Promat Supalux Fire Protection Board can be left undecorated or easily finished with paints, wallpapers or tiles.



CEMGOLD

A1 fire rated, fibre cement building board

Utilizing advanced technology and high-quality materials, Magply Passive Fire Protection creates a barrier that effectively contains fires, preventing them from engulfing adjacent areas or compromising the structural integrity of the building. This solution is particularly crucial in commercial and residential settings where fire safety is paramount.

Magply's passive fire protection system is engineered to meet stringent regulatory standards and industry specifications, ensuring compliance with local building codes and regulations.



CEMGold is a 100% asbestos-free, fibre cement board, made from homogeneous Portland cement. Using the latest technology of pressing and autoclave processes, high purity silica sand with reinforcing fibre (known as cellulose or pulp) was added in versatile doses to give CEMGold superior structural stability.

CEM GOLD



Magnesium Oxide Panels

MagPly Fire Rated Board is engineered to deliver exceptional fire resistance and durability across a range of construction and industrial contexts. Its high-performance design ensures reliability in applications such as spandrel boards, rain-screen cladding, timber framing, leisure builds, render boarding, park homes, stud partitions, floors, ceilings, and dry lining.

This versatile board serves as an effective fire mitigation sheathing option for timber frames, steel frames, rainscreen cladding, SIP panels, spandrel panels, and modular builds.