



ESSENTIAL
COMPLIANCE SOLUTIONS



FIRE
PENETRATIONS

COMPLIANCE MADE EASY.



FIRE EVACUATION
DIAGRAMS



BLOCK
PLANS



FIRE
PENETRATIONS



TRIP & SLIP
HAZARDS



BUILDING
COMPLIANCE

Why EC Solutions?

Essential Compliance Solutions' knowledge and experience in developing and installing effective and compliant Passive Fire Systems has given us a superior and unparalleled product that meets all minimum as well as optional elements outlined in Australian Standard AS 1815. The ECS group can draw on the resources of specialist Architects, Engineers and compliance consultants to provide appropriate solutions to ensure the continued compliance of your building.

What identifies as a Fire Penetration?

Various service contractors create penetrations in floors, walls and other structural components of your facilities when installing services.

These penetrations are often not correctly sealed in accordance with the relevant standards or may not be sealed at all.

Passive fire protection systems are designed to contain the spread of fire, smoke and gases allowing for both the safe evacuation of occupants from the building and safety for fire and emergency personnel.

Passive fire protection systems work by eliminating or reducing gaps and by installing fire stopping solutions where fire or smoke might be able to spread throughout a building.

Our solutions are designed to prevent or reduce the spread of fire, smoke and gasses in the case of an emergency, to allow occupants to evacuate in a safe manner.

ECS can offer a number of passive fire stopping solutions to ensure the safety and fire integrity of your facility should an emergency occur. If you think you facility may be at risk, we are able to offer a quotation on what is required to bring your building back into compliance.

Standards and Compliance

Ensure the fire safety of your facilities and the lives of those within it by ensuring that fire penetrations are correctly sealed in accordance with Australian Standard AS 1851 and Section C of the National Construction Code (NCC). ECS can provide a variety of solutions to ensure service penetrations are correctly installed and effectively protect against smoke, flames and gases.

Service penetrations must be sealed with products that meet the safety standards outlined in Australian Standard AS 4072.1. the products we use meet all the relevant standards. ECS can provide penetrations solutions for floors walls and other structural elements.

Some of the products we use and stock;

- Fire Pillows
- Fire Mortar
- Fire Puttys
- Acrylic sealants
- Intumescent fire collars
- Intumescent seals

Do I need passive fire protection?

Yes! It is a legal requirement that passive fire protection be installed where deemed necessary. It is also the responsibility of the building owner to ensure that all passive fire stopping systems are installed and maintained to meet the safety standards outlined in Australian Standard AS 4072.1.

ECS provides a wide range of passive fire solutions to ensure that your facility meets the standards set out in Australian Standard AS 4072.1.





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