



Fire Doors and Frames

Passive Fire Protection

Passive fire protection systems and fire doors are a cost effective approach to limit the spread of fire and smoke within a building or facility.

The purpose of passive fire protection including fire doors in buildings is assist in the fire separation of fire compartments, with the primary objective to protect occupants in the event of evacuation, followed by minimising the spread of fire from one compartment to the other and therefore reducing building damage.

Passive systems including fire doors and frames are used whenever an opening is required through a fire wall, floors or ceilings for services such as pipes, ducts, cables, inspection panels, light, observation or human entry.

In these situations, the service must be sealed in such a manner that the fire resistance level or rating of the element of construction is maintained. Passive products and systems are used to close off gaps in floors and walls between services, around cables and pipes, around ducts and in control joints.

Survival Solutions provides a comprehensive range of fire doors and passive systems, supported by design and maintenance services to suit the following applications:

- Structural steel protection
- Penetration seals
- Fire rated access hatches
- Concrete/masonry & metal decking
- Ventilation ducts
- Cable ducts / e&m services
- Fire rated windows, doors, frames and associated hardware
- Intumescent fire dampers
- Fire rated partitions and ceilings
- Fire rated external walls
- Fire resistant timber and fabric products
- Fire shutters
- Sliding fire doors