



OPEN TO
SEE WHY
THE FIRE
FAILED TO
SPREAD.



WHY MIKASA FIRE DOORSETS?

Fire Doorsets are designed to protect lives and property. They are a vital component of a building's passive fire protection and are an essential requirement for public buildings, offices, and factories. When installed as per the guidelines, they:



Reduce the spread of fire and smoke between separate compartments of a structure by forming a barrier.



Protect the escape routes of the structure and enable safe exit from a building or structure in case of emergencies.



Form a seal restricting the amount of oxygen feeding the fire.

In commercial and residential multi-storey spaces, building regulations specify that every door of a habitable room leading to a stairwell must be a fire doorset.

WHERE TO INSTALL MIKASA FIRE DOORSETS?

It is advisable to use a fire doorset in areas where a fire might start.

For private premises, it is advised to install fire doorsets where the risk is most imminent like a kitchen or rooms with lots of electrical devices. If your property is newly built, it should be subjected to regulations ensuring certain doors are fire doorsets.

For commercial or non-domestic properties, liability lies with whoever is deemed the 'responsible person' for that property or the employer. For example, the owner of the property or the person in control of the property for trade reasons would be responsible.



WHAT ARE MIKASA FIRE DOORSETS?



FD 30 DOOR SET

This doorset provides fire & smoke protection for 30 minutes and is available in thickness of 44mm.

Mikasa Fire Doorset is a complete component designed and tested to fight a fire. We provide factory-finished doorsets that comprise a door leaf pre-hung in a frame with fire & smoke seals, ironmongery and glazing fitted. These made-to-fit fire doorsets offer the highest level of protection to occupants and are guaranteed to pass all fire safety regulations when installed as per Mikasa guidelines. The doorset supplied will be the same as the tested with no risk of unsuitable components being introduced on site.



FD 60 DOOR SET

This doorset provides fire & smoke protection for 60 minutes and is available in thickness of 54mm.



FD 90 & 120 DOOR SET

These doorsets provide fire & smoke protection for 90 & 120 minutes respectively and are available in thickness of 64mm.

Fire Certifications:



FACING OR FINISHING MATERIAL

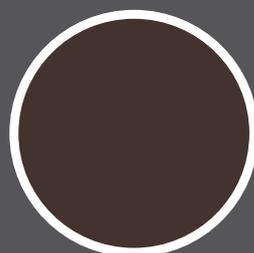
Choose from the various options of surfacing material to match your style and interiors. You can choose from an exhaustive collection of Decowood Natural Veneers, Greenlam Laminates, or paint options.



Decorative Veneers



Decorative Laminates



Paint Finish

CONSTRUCTED TO PERFORM

DOOR LEAF

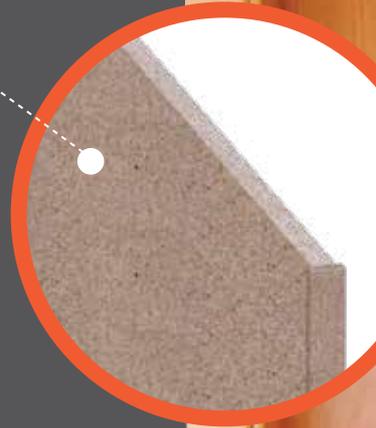


CORE

The core material used in constructing fire doorsets' leaf is a high-performance Multilayer solid core board meeting global fire performance standards. The core has a density ranging from 620 kg/m³ to 850 kg/m³ proving all weather stability against bending and bowing.

WOOD LIPPING

Depending on the Fire rating requirements matching hardwood lipping of 3/6/10/12mm thickness is fixed using specialised edge banders to fully seal the door panel from 2/4 sides.



FRAME

Fire-rated frames are made using high-density hardwood, LVL, or MDF core to match the fire rating of the door. The frame density is more than 630 kg/m³.

REBATED FRAMES

These frames are made using solid hardwood.



ENGINEERED FRAMES

Engineered frame is made out of LVL, solid hardwood or MDF core. They consist of a frame with a stopper. The doorstopper is also made from a matching timber. It is positioned so that the head of the anchor bolts is covered giving door frame a perfect finish.



IRONMONGERY

To ensure complete fire protection, the ironmongery deployed for Mikasa Fire Doorsets is fully tested and fire safe. All Mikasa Fire Doorsets come with pre-fitted hardware and accessories like hinges, locks, and handles for seamless functioning and long life.

VISION PANEL

Vision panel provides an aesthetic and functional solution to the problem of creating light and visibility through doors. They come in a variety of sizes, glass types, and frame finishes. The glass used for the vision panel complies with the fire rating of the doorset.





INTUMESCENT **SEAL**

The fire door performance is heavily dependent on sealing systems; be that fire, smoke, acoustic or thermal containment. The Mikasa Fire Doorsets come pre fitted with fire seals which consist of intumescent material encased in rigid PVC strips meeting global standards. In the event of a fire, intumescent strips expands to seal the gap between the door and frame to prevent the spread of fire and smoke.

CERTIFICATIONS



Mikasa regularly extends its portfolio of test evidence by continuously testing its products on various National and International Standards. We take an active approach when it comes to fire protection. Mikasa Fire Doorsets are an integrated fire protection system. Our FD30, 60, 90, and 120 mins doorsets have passed the fire resistance test for integrity, stability, and insulation as per BS 476 Part 20, BS 476 Part 22 and IS 3614 Part 2.



SERVICES & SUPPORT

At Mikasa, customer service is paramount and we ensure that we provide hassle-free service and great value offerings to our clients. Our supply, manufacturing, delivery, and fitting services ensure that fire door installation is simple and guarantees approval of building regulations. For more information on our service support, please get in touch with our local sales representative or contact us on our website.

Toll-Free No.: 1800 833 0004

www.mikasadoors.com | info@mikasadoors.com



www.mikasadoors.com



Greenlam Industries Limited, 2nd Floor, West Wing, Worldmark-1, Aerocity, IGI Airport Hospitality District, New Delhi - 110037.

Toll-Free No.: 1800 833 0004

Info@ikasadoors.com | SMS- 53030

Scan the QR code to download the catalog.

