



FIRE



DESIGN • COMFORT • INSULATION

THE ACTUAL FIREWALL

INDOOR SYSTEMS®

DOOR FIRE INSULATION

OUR ESCAPE ROUTE IS FIRE'S SPREAD ROUTE

People are advised to use the stairs in case of fire because lifts and escalators being electrical equipments may shut down and get stuck. Fire spreads around through doors or windows just like people use them to escape from the place on fire. So the escape route of people is the spreading route for fire.



DOORS CATCH FIRE AND BLOCK RESCUE

In case of fire, typical doors are a liability that can cause serious accident. If a lower storey is on fire and it spreads to the staircase, then people escaping from the higher level are bound to get stuck. This may lead to loss of life. It also hampers the fire fighting team from gaining access to the area on fire.

- **Doors are key to people's escape in case of fire**
- **But if doors catch fire then it seriously thwarts the possibility of escape**
- **This may lead to loss of many lives**

INDOOR SYSTEMS CAN HELP SAVE LIVES

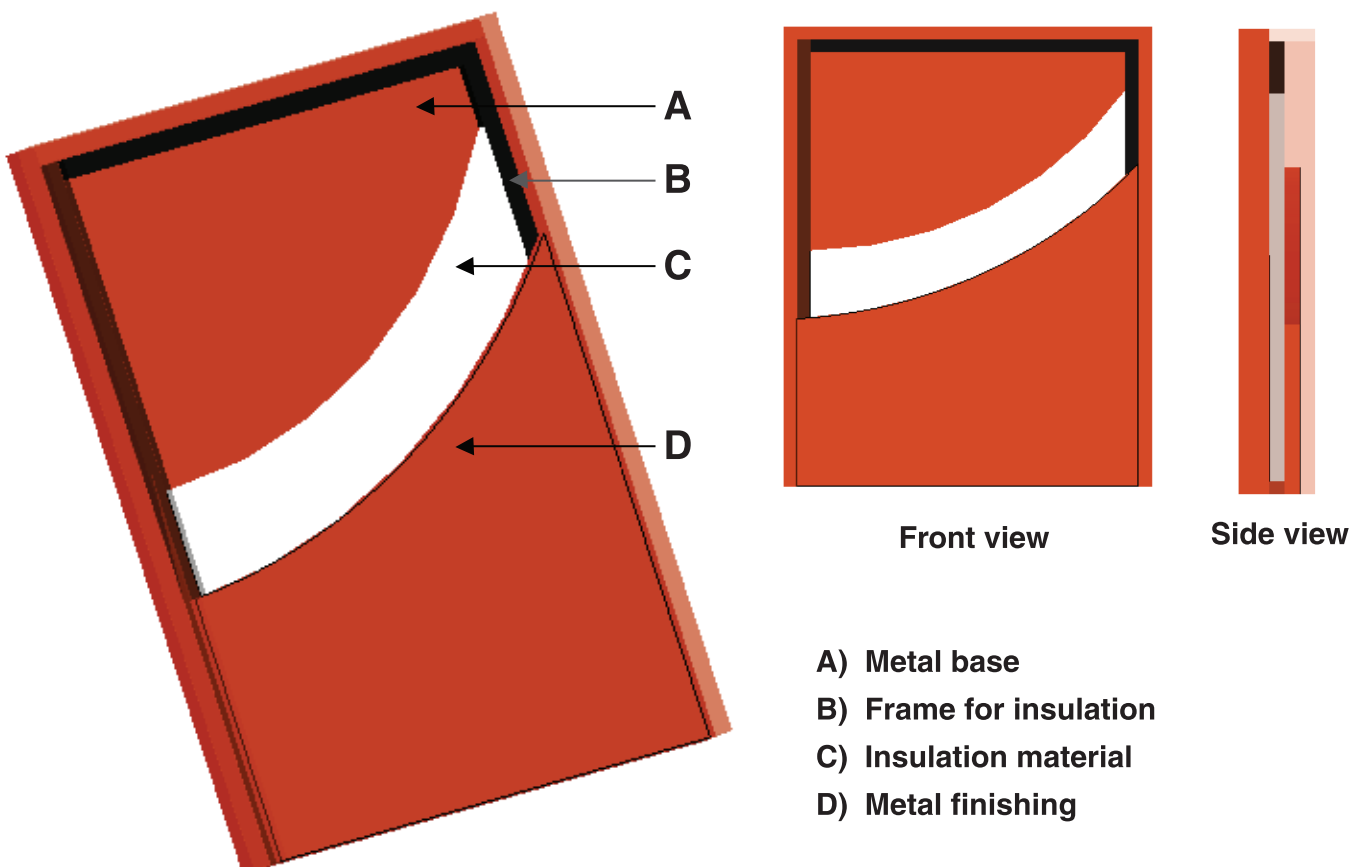
The staircase can be protected and secured for a quick and safe escape by creating a barrier between the access area and the staircase with the help of a fire door. A fire door is a door with a fire resistance rating and is used as part of a passive fire protection system to reduce the spread of fire and smoke.

Fire Doors Show The Way

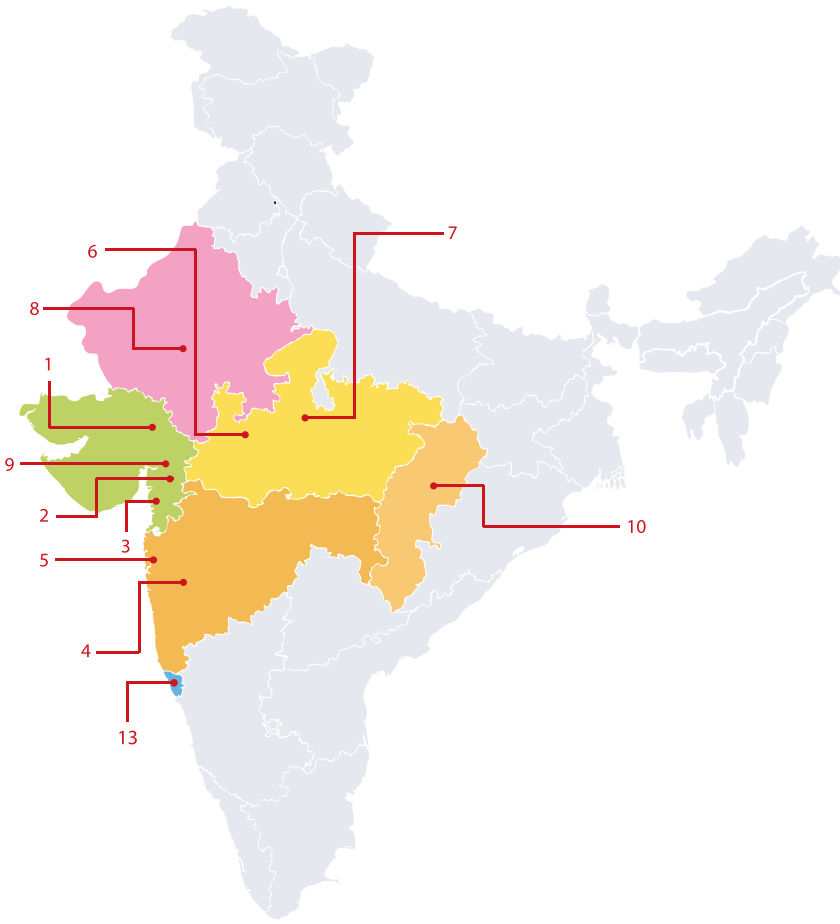
Nowadays, it is mandatory to have fire doors at the fire exit or staircase. This is part of the regulations that set out the minimum requirement for fire protection that must be implemented. All fire doors must be installed with the appropriate fire resistant fittings, such as the frame and door hardware, for it to fully comply with the fire regulations.

InDoor Adds Fire Retardant Power To Fire Doors

When the doors are in a design stage, proper cavity can be maintained to fill the area of the door with fire retardant insulation material. This limits the spread of fire even if the exterior of the door has been breached. The thickness of the system can be designed keeping in mind the number of floors in a building, the risk assessment in terms of fire spread, the area, etc. There are 20, 30, 45, 60, and 90 minute-rated fire doors available as options for the application.



- InDoor Systems add a retardant layer that prevents the spread of fire
 - Nowadays, statutory laws mandate the provision of fire doors at fire exits
 - InDoor can prevent the spread of fire for 20, 30, 45, 60 or 90 minutes depending on design
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