



FIRE



DESIGN • COMFORT • INSULATION

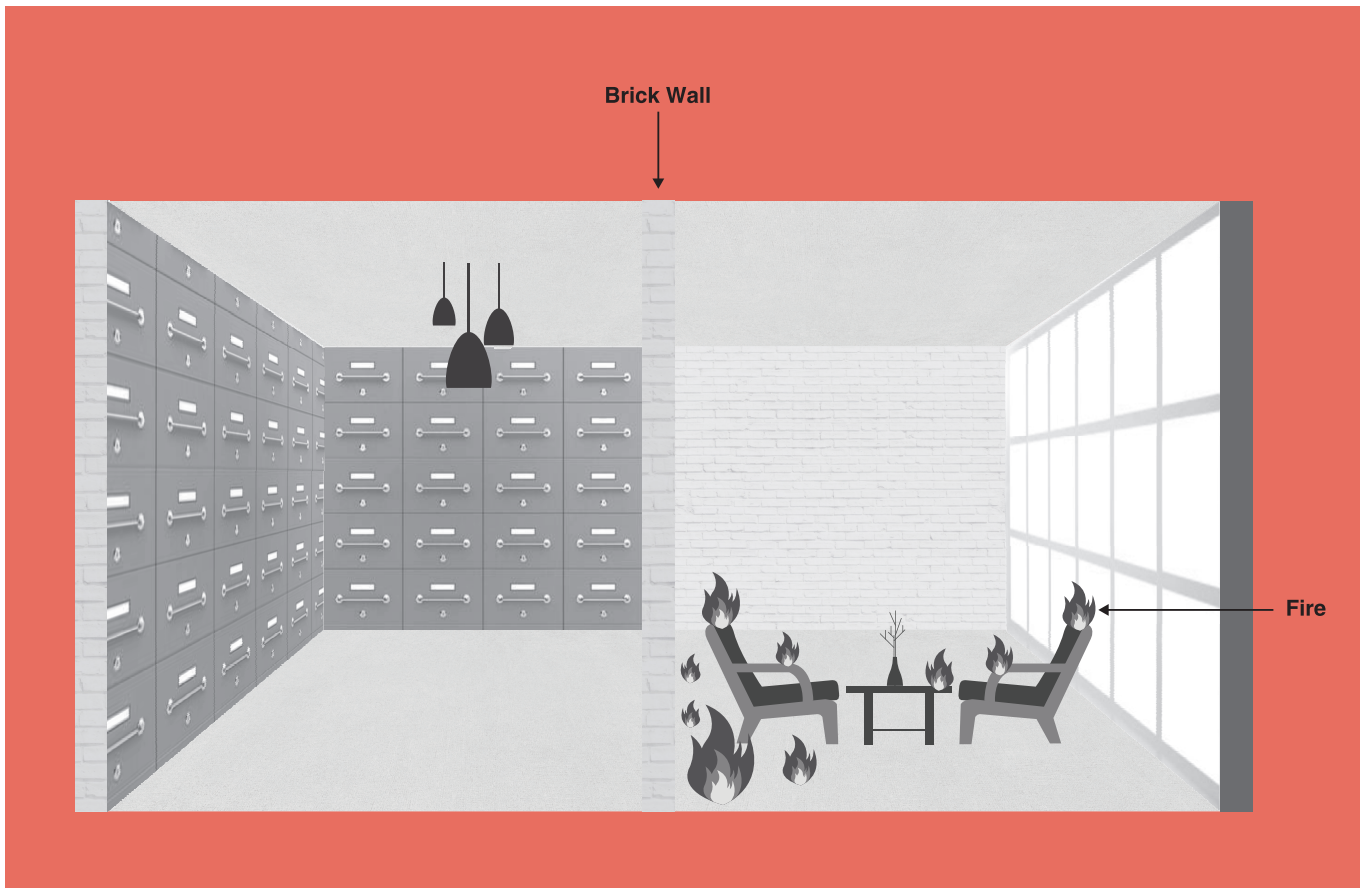
# MAKE FIRE STRUGGLE

**IN**SAFE SYSTEMS®

FIRE & SAFETY INSULATION

## VAULTS PROTECT VALUABLES

Vaults and safes help professionals and families secure critical and important documents like wills, property documents, certificates, etc. High ranking officials, doctors, advocates and other professionals have high value documents or paper work that need to be kept secure and safe. Vaults and safes are also used in offices and hospitals, where employee records or essentials are stored. In IT firms and huge corporate offices, vaults or strong rooms are used as server rooms, which protect the online files of the organization while ensuring service continuity.



## FIRE CAN DESTROY THESE DOCUMENTS

These critical documents need to be kept safe, which includes physical safety from fire as well. In case of fire, these articles - digital or physical - can be lost forever. This loss may impact the finances, productivity, sentiments and morale of the stakeholders which may negatively impact business and families through trauma.

## FIRE MAY START FROM WITHIN SERVER ROOMS

Fire can also start from the inside a server room. The machines and servers running here usually have the tendency to heat up, which can cause fire. This fire can also spread to the outside of the server room causing irreparable damage.

- **Vaults are used to keep critical documents safe**
- **If fire destroys these documents, damage to life and business is irreparable**
- **Server room systems may heat up and cause fire**

### INSAFE VAULT CREATES FIRE WALL

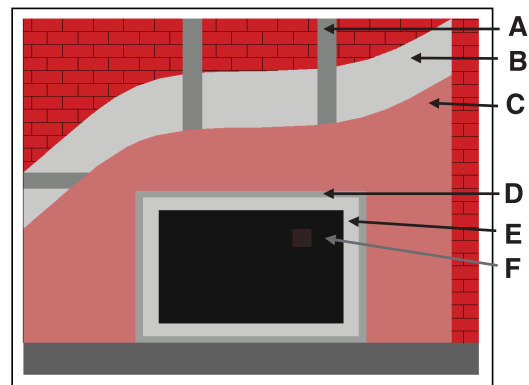
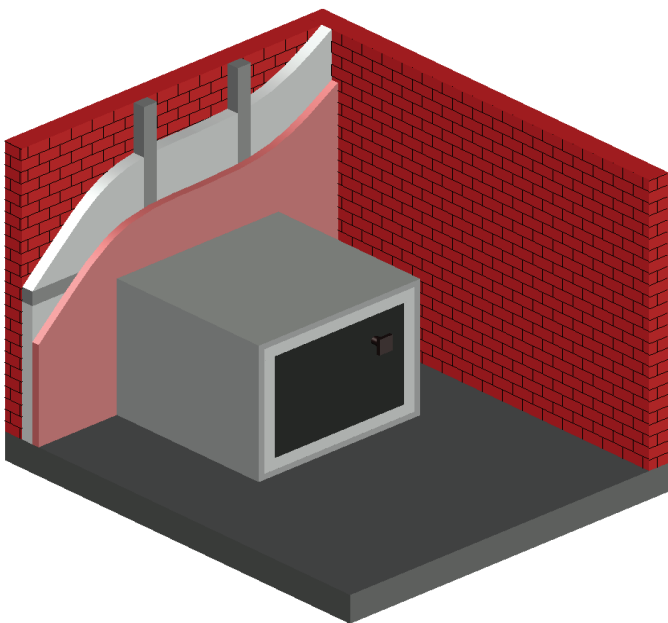
These critical documents and articles – digital or physical - can be protected from fire related damages. The most efficient and stress free way of doing that is by using fire retardant materials in the walls of the vaults, server rooms, strong rooms, safes, etc. This method of insulating the walls is known as creating fire walls.

### How NFPA Defines Fire Wall?

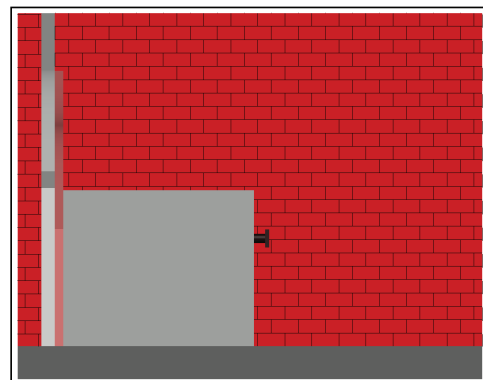
National Fire Protection Association (NFPA) rightly defines fire wall as “a wall separating buildings or subdividing a building to prevent the spread of fire and having a fire resistance rating and structural stability” even if complete collapse of structures occur on either side of a fire wall.

### Save Critical Documents And Lives

This system creates a fire barrier and partition which prevents heat and flame from passing through them. To perform optimally, they are built in accordance with acceptable laboratory testing standards and are maintained to ensure continued ability to withstand fire for 30 to 180 minutes. The thickness of this system and combination of materials can be designed in accordance with the application and the risk assessment of fire based on the surroundings.



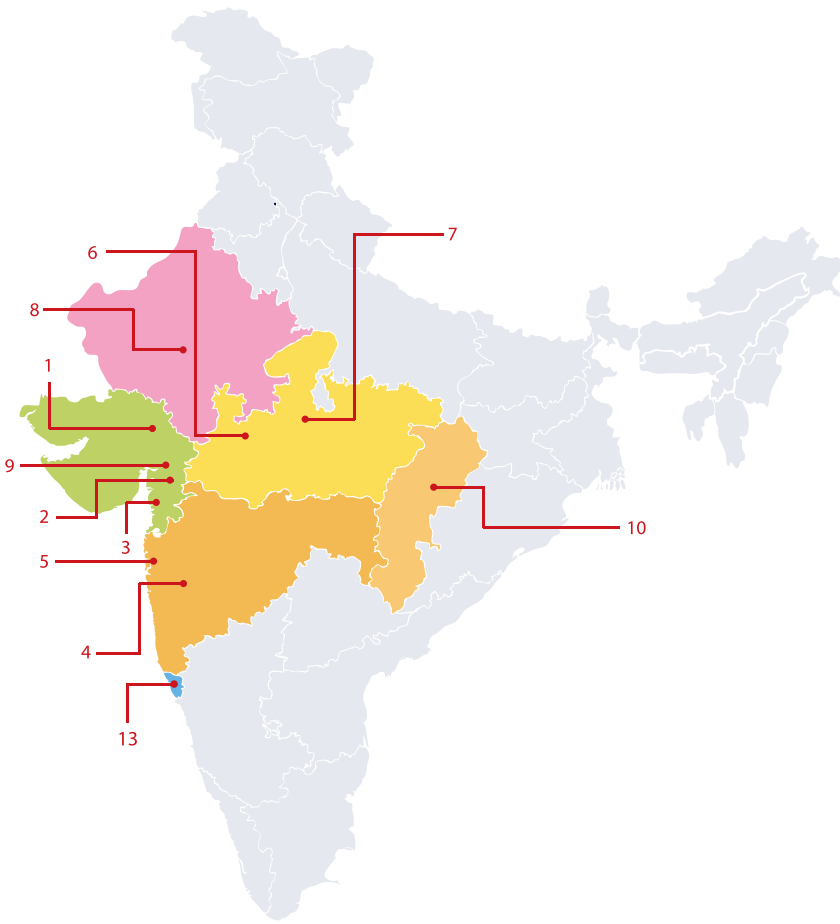
Front view



Side view

- A) Metal grid
- B) Fire insulation material
- C) Gypsum board
- D) Metal box
- E) Fire insulation material
- F) Vault

- InSafe Vault Systems can create a fire wall that resists fire
- It can withstand fire for 30 to 180 minutes
- This can help save critical documents and lives



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