



## SINGLE LEAF FIRE DOOR

A single-leaf fire door is a fire-rated door designed to prevent the spread of fire and smoke between different areas of a building. It consists of a single panel that swings open or closed on hinges, typically installed within a fire-resistant frame. The door is constructed from materials and components that meet specific fire-resistance standards, such as those outlined in EN 1634-1, IS3614:2021, BS 476, part 20 & 22, UL label doors as per NFPA 80, NFPA 252 & UL 10C or similar regulations, to ensure it can withstand high temperatures and maintain integrity during a fire. This type of door is used to compartmentalize spaces, enhance safety, and facilitate safe evacuation by containing the fire and smoke to the area of origin.

Our Single Leaf Fire Door has been Tested for



Sr. No.		FIRE RATED DOOR	GENERAL DOOR
1	Shutter Material	G.I. 0.8mm, 1mm, 1.2mm	G.I. 0.8mm
2	Frame Material	G.I. 1.2mm, 1.6mm	G.I. 1.25mm
3	Shutter Thickness	46mm	
4	Frame Profile	100x57mm, 143x57mm, 100x57mm	100x57mm
5	Rebat	Single and Double	Single
6	Infill Material	Ceramic Wool	Honey Comb
7	Fixing	Anchor Bolt, Hold Fast	Anchor Bolt, Hold Fast
8	Reinforcement	3mm Wherever it is required	2mm Wherever it is required
9	Packing	As per Customer requirement	As per Customer requirement
10	Finishing	Painting/Powder Coating as per Customer requirement	Painting/Powder Coating as per Customer requirement

HARDWARE			
11	Lock	Mortice Lock, Dead Lock, Panic Bar, Latch	Shaft Lock, Aldrop, Night Latch
12	Handle	Lever Handle, D Handle, External Trim	Flush Handle, D Handle
13	Vision Glass	6mm, 2hr, Fire Rated Glass (min 200x300mm) Size as per Customer requirements	6mm Toughened Glass as per Customer requirements
14	Hinges	SS Ball Bearing Hinges 4"x3"x3mm	SS Ball Bearing Hinges 4"x3"x3mm
15	Door Closer	Hold Open arm, Concealed, as per Customer requirement	Hold Open arm, Concealed, as per Customer requirement
16	Flush Bolt	Tower Bolt, Flush Bolt (For Double Doors)	Tower Bolt, Flush Bolt (For Double Doors)
17	Seals	Smoke Seal, Intumescent Seal, Door drop seal as per Customer requirement	Smoke Seal, Intumescent Seal, Door drop seal as per Customer requirement